I-94 INTERCHANGE (EXIT 152)

Project No.

<u>PCN</u>

IM-1-094(231)152

23594

Sunset Drive Interchange



Prepared by

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION BISMARCK, NORTH DAKOTA

http://www.dot.nd.gov/

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23 USC § 407 NDDOT Reserves All Objections

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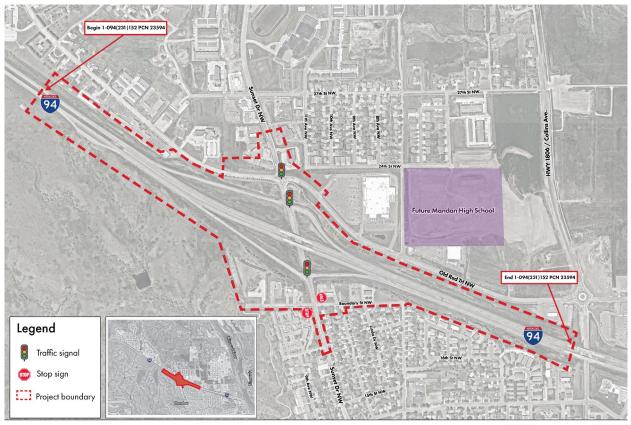
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LIST OF EXHIBITS

I. Public Meeting Summary

A. Project Information
Highway: Interstate-94 and Sunset Drive Interchange (Exit 152)
District: Bismarck
Limits: Sunset Drive Interchange (Exit 152)

Figure 1 – Project Location Map



I-94 Interchange (Exit 152) Sunset Drive Study Area Map

Dakota | Transportation Mead

B. Meeting Details

Public Input Meeting #1 (Cancelled & Rescheduled)

City, State:	Bismarck, North Dakota
Facility:	Mandan Middle School Cafeteria
Date and Time:	April 6 th , 2023
Meeting Format Used:	Open House

<u>Public Input Meeting #1</u> City, State: Facility: Date and Time:	Bismarck, North Dakota Mandan Middle School Cafeteria and Virtual Online Input Meeting In Person - April 20 th , 2023, 6:00 p.m. to 8:00 p.m. Virtual – April 20 th , 2023, 12:00 a.m. to May 5 th , 2023, 11:59 p.m.
Meeting Format Used:	Open House and Virtual
	The Public input meeting was held to present four viable proposed build alternatives for the I-94 Interchange at Sunset Drive (Exit 152). The public had the opportunity to provide input and comments on the proposed project.
	The meeting was advertised through a Legal Display Advertisement published in the Bismarck tribune on March 14 th , 2023 and the Mandan News on March 17 th , 2023. The public input meeting was rescheduled from April 6 th , 2023, to April 20 th , 2023. The meeting was then advertised through a Legal Display Advertisement published in the Bismarck Tribune on March 27 th , 2023 and the Mandan News on March, 31 st 2023. The Legal Display Advertisement, Affidavit of Publication and Press Release can be found in Appendix A- Notifications.
	The event was published on the NDDOT Public Events Calendar, the URL for the specific event was <u>NDDOT – I-94 Interchange at</u> <u>Sunset Drive (Exit 152)</u> . Materials made available to the public included the pre-recorded presentation, Project Location Map, Information for Highway and Street Projects, Stormwater Poster and Stormwater Brochure. These Materials can be found in Appendix B - Handouts, Appendix C - Exhibits Presented, Appendix D-Presentation Slides and Appendix G- Presentation Transcript.
<u>Stakeholder Meeting</u> City, State: Facility: Date and Time:	Bismarck, North Dakota Mandan Middle School Cafeteria April 20 th , 2023, 5:00 p.m. to 6:00 p.m.
Meeting Format Used:	Open House
	A in-person Stakeholder Meeting was held at the Mandan Middle School to present four viable proposed build alternatives for the Sunset Drive Interchange (Exit 152) through Mandan. The purpose of this meeting was to provide the area businesses and property owners adjacent to the interchange an opportunity to provide input, and to solicit written and verbal comments.
	The stakeholders were notified and invited through email invitation. A database of area businesses was compiled to ensure appropriate mailings. These materials can be found in Appendix A – Notifications.
I-94 & Sunset Drive Intercha Project No. 1-094(231)152 May 2023	ange (Exit 152) Page 2 PCN 23594 Public Involvement Report

C. Attendees

Public Input Meeting

An open house meeting was held April 20th, 2023. Approximately twenty people from the public were in attendance, seventeen of which signed the sign-in sheet. Representatives from Mead & Hunt Inc., and North Dakota NDDOT were in attendance to answer questions and discuss the project for the meeting. The April 20th Public Input meeting utilized an in-person presentation, sign-in and comment survey.

The Virtual Public Input Meeting Presentation was viewed 115 times over the course of the fifteen-day open comment period between April 20th, 2023, and May 5th, 2023.

Stakeholder Meeting

There were twenty-three attendees during the stakeholder meeting. Of the attendees, three representatives from the City of Mandan, one representative from Mandan Police Department, and two representatives from NDDOT were present during the meeting. There were four area business representatives present during meeting.

D. Comments Received

During the comment period at the Public Input Meeting, interested individuals and the area businesses were encouraged to provide NDDOT and Mead & Hunt Inc. with input. The Public Input Meeting generated eight comments in-person, four comments that were received on comment cards on the night of the meeting, eight comments through email, twelve comments through website and zero comments through mail. A summary of the comments and responses are provided in Table 1. Refer to Appendix F for full comments and responses resulting from the public input meeting.

Торіс	Comments	Responses	
Preferred Alternatives	 Alternative #1: 8 Responses Alternative #2: 4 Responses Alternative #3: 0 Responses Alternative #4: 4 Responses No - Build: 1 Response 	A decision document will be prepared to select which alternative(s) to proceed with based on received comments and responses	
Single Point Interchange Alternative #1 Layout	Residents generally prefer Single Point alternative #1 as they feel it is the least complex option.	All intersections within the project area were evaluated and are expected to operate at a "LOS D" or better in the year 2045.	
	City of Mandan employees feel the Single Point interchange will set local community up for a successful future.	See letter for City of Mandan dated May 5, 2023	
	Resident concerned with safety of Mandan Middle School Students walking through roundabouts on commute home to save time.	Safety is an important criterion for all forms of mobility through the interchange alternatives. No matter which alternative is chosen, a shared use path and a sidewalk will be constructed to get	

Table 1 – Summary of Comments/Responses

		pedestrians and bicyclists from one side
		of Interstate 94 to the other. The trail is
		anticipated to be placed on the side of Sunset which minimizes the number of
		potential conflicts between motorized
		and non-motorized users (i.e. crossing
		on lower volume ramps)
		There is always learning involved when
	Resident feels the addition of the	new interchange configurations are
	roundabouts will be confusing for	introduced. The NDDOT and their
	younger drivers.	partners would educate the traveling
		public on the use of the diverging diamond interchange.
Partial	Resident feels Partial Cloverleaf	There is always learning involved when
Cloverleaf	Alternative # 2 is most like the	new interchange configurations are
Interchange	interchanges residents already	introduced. The NDDOT and their
Alternative #2	know and thus, easier to navigate.	partners would educate the traveling
	Also feels this would be most cost-	public on the use of the other
	effective option. Resident feels Partial Cloverleaf is	interchange types .
	best option without roundabout at	All intersections within the project area
	Sunset and Old Red Trail due to the	were evaluated and are expected to
	number of Semi-Trucks that pass	operate at a "LOS D" or better in the year
	through.	2045.
Diverging	Resident feels the Diverging	There is always learning involved when
Diamond	Diamond Alternative #3 to be too	new interchange configurations are
Interchange Alternative #3	confusing for drivers to navigate.	introduced. The NDDOT and their partners would educate the traveling
Alternative #5		public on the use of the diverging
		diamond interchange.
Diamond w/	Resident feels Diamond w/	All intersections within the project area
Roundabouts	Roundabouts Alternative #4 would	were evaluated and are expected to
Interchange	allow for a better flow of traffic, most	operate at a "LOS D" or better in the year
Alternative #4	notably during off peak traffic hours.	2045.
	Resident feels Diamond W/ Roundabouts Alternative #4 will	
	improve safety by reducing number	
	of intersection conflict points.	
		Winter maintenance activities including
	Resident concerned where snow will	drifting and snow removal are
	accumulate after plowing with	considerations with each interchange
Business	roundabouts.	alternative
Impacts		Traffic Control will be developed to maintain traffic and access throughout
	Owner of Bennigan's concerned	construction. Project will continue to
	with construction timeline and	share timelines and staging impacts with
	access to businesses during	residents and businesses throughout the
	construction.	project development process.
Roundabout vs	Resident feels the addition of the	Lower maintenance is one benefit of a
Traffic Sign	roundabouts would be most cost-	roundabout, however, there are also

			
Maintenance	effective long term as there would	benefit that signals provide over	
	be less maintenance and less	roundabouts.	
	energy used on traffic signs.		
	Resident prefers roundabouts to		
	traffic lights as traffic lights and stop	All intersections within the project area	
	signs are currently not good at traffic	were evaluated and are expected to	
	control or slowing down traffic in the	operate at a "LOS D" or better in the year	
	area.	2045.	
Snow Removal	City of Mandan employees request	2010.	
& Drifting	• • • •		
& Dhining	proactive research on the use of		
	living snow fences or tree rows to		
	mitigate snow drifting.	Winter maintenance activities including	
	Residents concerned if climate and	drifting and snow removal are	
	snow removal was accounted for	considerations with each interchange	
	when designing alternatives.	alternative	
Costs and	Resident questions what percentage		
	of funding will come from local		
Ű,	versus federal and state.		
-	Residents concerned with costs of		
	continual road replacements and		
	•	Funding is entitiented to follow a 000/	
_	other street improvement projects.	Funding is anticipated to follow a 90%	
	City of Mandan employees request	Federal/10% State. Local participation	
	NDDOT and FHWA consider cost	may be required on select elements of	
	sharing outside of FHWA ROW.	the project (landscaping, etc.).	
Construction		The project is currently scheduled for	
Timelines	Residents concerned with NDDOT	2026 and is anticipated to require multi-	
	track record of rescheduling and	year construction to complete the	
	stalling projects in the area.	construction.	
	Mayor of Mandan suggests		
	construction of new I-94 Interchange		
	at 56 th Ave W or 30 th Ave W would		
	better serve the needs of City of	A many interreleance is suitaide the second	
	Mandan opposed to the proposed	A new interchange is outside the scope	
	project.	of this project.	
Left Turn out of		Phasing for the signal systems will be	
Sunset Drive	Resident concerned with safety of	updated based on operational needs.	
onto Old Red	left-hand from Southbound Sunset	Additionally, roundabouts have been	
Trail	Drive onto Eastbound Old Red Trail	evaluated at this location which would	
	as it is difficult to see oncoming	reduce speeds and eliminate the conflict	
	traffic. Feels stoplight with green	as noted. The proposed intersections are	
	arrow for turning left is necessary for	evaluated for sight lines and safety	
	safety of drivers.	through the intersection.	
Future Growth	Residents question if these	Growth projection based on growth	
and		projections in the LRTP models from the	
	interchange alternatives can handle		
Development	a higher traffic volume than Mandan	Bis-Man MPO and approved plans from	
	is likely to experience.	the City of Mandan.	
		Though some alternatives (i.e. DDI) are	
	City of Mandan Employee questions	new to Mandan, the alternatives have	
1			
	if these types of interchanges work	been successful in alleviating congestion	
	, , , , ,	,	

1		nation.
	City of Mandan Employee expresses concern with limited recognition of traffic impacts from the west of Baymont, including industrial, commercial, and multiple residential developments.	Growth projection based on growth projections in the LRTP models from the Bis-Man MPO and approved plans from the City of Mandan.
	Resident concerned intersection at Old Red Trail and Sunset Drive was being under designed for future growth to the west.	Modal project are based off the 2045 MPO LRTP constrained plan. As a sensitivity analysis, a model was developed to evaluate the implication of a new interchange at 56 th street near the forecast year to evaluate the effects on each alternative with a new interchange to support growth in West Mandan.
Resident Suggestions	Resident suggestion to tie in the EB off ramp to Boundary Street directly.	The challenge with this option will be that it would lead to increased traffic on boundary street and require a more significant intersection improvement at Boundary Street with impact to several business in the SW quadrant.
	Resident feels all options are not viable for location. References I-49 and E155th Street (Exit 176) in Missouri as good option.	This alternative proposed is unique and relatively new with only 2 locations identified across the nation. The challenges with this alternative will be the crossing conflict between the northbound and southbound movements in the future year, which would likely lead to large queues in the forecast year.

APPENDICES

Appendix A Notifications

(Affidavit of Publication, Press Release with email distribution from Communications Division, and Legal Display Advertisement)

*If SOV #8 was sent out, the distribution email should be included as well with the email distribution list from Communications Division.

*If letters were mailed out to notify homeowners or businesses of the meeting, please include a copy of the letter with any of the attachments mailed out and the SOV list.

Appendix B Handouts

(After the Storm, Information for Highway and Street Projects, Comment Cards)



Stormwater Pollution Solutions



Recycle on properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, colverts, and used motor oil and other acto fluids. Don't pour them onto the ground or into storm drains.

Lawn care



leaves can wash into storm drains and contribute nutrients and organic matter to str

- Don't overwater your lawn. Consider using a scalter hose instead of a sprinkter.
- Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the ecommended amounts. Use organic mulch or safer pest control methods whenever possible.
- Compositor mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects.

Aariculture

Auto care

- Washing your car and degreasing auto parts at home can send detergents and other contaminants through the storm sever system. Dumping automotive fluids into storm drains has the same result as dumping the materials directly into a waterbody.
- Use a commercial car wash that treats or recycles its wastewater, or wash your car your yard so the water intiltrates into the ground. on
- Repair leals and dispose of used auto fluids and batteries at designated drop-off or recycling locations.

Pet waste Pet waste can be



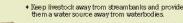
When walking your pet, remember to pick up the waste and dispose of it property Plushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risits by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local waterbodies.

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system

- - regetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms.
 - areas during construction projects, and seed and mulch bare areas as soon as possible.

Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also

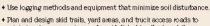
Denote regeneration of advantagement to local water hodies. Excess ferbilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.



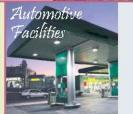
- Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- Vegetate riparian areas along waterways
- Rotate animal grazing to prevent soil erosion in fields. Apply tertilizers and pesticides according to label instructions to save money and minimize pollution.

Improperty managed logging operations can result in erosion and sedimentation.

- Plan and design skild trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- changes to streams
- Conduct preharvest planning to prevent erosion and lower costs.



- Construct stream crossings so that they minimize erosion and physical
- · Expedite revegetation of cleared areas



Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmfu fluids that can be picked up by stormwater.

- Clean up spills immediately and properly dispose of clean up materials.
- Provide cover over fueling stations and design or retrofit facilities for spill containment.
- Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies.
- Install and maintain oil/water separators

Permeable Pavement—Traditional concrete and asphalt don't allow water to soak into the ground. Instead these surfaces rely on storm drains to divert unwanted water. Permeable pavement systems allow rain and snowmelt to soak through, decreasing stormwater runoff.

Rain Barrels—You can collect rainwater from rooftops in mosquito-proof containers. The water can be used lateron lawn organden areas.

Education is essential to changing people's behavior Signs and markers near storm drains wave residents

that pollitant, entering the deains will be carried intracted into a local waterbody.

Residential landscaping





and soalt into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather then into storm drains.

Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picls up as it flows across driveways and streets.

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids that can be picked up by stormwater and

- deposited into local waterbodies. Divert stormwater away from disturbed or exposed areas of the construction site.
- Install silt tences, vehicle mud removal areas,
- Prevent soil erosion by minimizing disturbed

Construction







Septic

sustems

Lealting and

- poorly maintained maintained septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged

to 5 years). Don't dispose of household hazardous waste in sinits or toilets.

Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.

Inspect your system every

3 years and pump your tank as necessary (every 3



Prepared by NORTH DAKOTA DEPARTMENT OF TRANSPORTATION Bismarck, North Dakota Danuary 2016 January 2016

ETS0116

Steps in Highway Planning, Design, and Construction

TRAFFIC SURVEYS

Traffic surveys are studies of the traffic flow from which engineers can determine the numbers and types of vehicles using a specific length of highway on any given day or hour. Surveys are taken by means of mechanical counters and personal interviews. This information, along with maintenance cost records and safety issues, is the basis for determining the need for a new or improved highway or street.

PROGRAMMING

After highway or street improvement needs are established, they are presented to planning engineers and are included in a long-range highway or street program. Each proposed improvement is then considered, along with other improvements, and is given a priority and placed in the program.

PRELIMINARY ENGINEERING

Preliminary engineering covers all studies and surveys necessary to plan and design a highway or street.

The location engineer, through the use of aerial photographs and on-site inspection, studies the terrain in the area, selects the most feasible routes, and presents them to engineers in other specialized fields for study. The engineer prepares a cost estimate and analyzes the advantages and disadvantages of each route. The final route is selected after public meetings/ hearings. Surveys are then completed including laying out a centerline and measuring elevation and drainage. The exact location of all buildings, fences, power poles, dams, wells, corrals, and other improvements is also documented.

PUBLIC MEETINGS/HEARINGS

Public meetings/hearings provide the public an early opportunity to comment on projects. Public meetings/hearings are held in the locale of most projects. Notics/hearings are published in local newspapers and press releases are sent to media. All available facts are gathered and presented at these meetings/hearings. The public is invited to present their views. Everyone is urged to attend and will be given the opportunity to comment and ask questions concerning the proposed route. You may be able to provide useful information (hat the North Datota Department of Transportation (NDDOT) or The political subdivision can use as it makes a final decision on the proposed project.

FINAL DESIGN

Final design of the project begins as soon as the exact project location is decided.

Design plans will describe in detail how the highway or street will be built. This includes grades, drainage, slopes, and other details, as well as the limits of the necessary right of way which must be acquired for construction.

VALUATIONS

Highway or street construction projects will, at times, require additional right of way from adjoining propenties. Depending upon a project's specific design requirements, private property may have to be acquired partially or in total: either permanenty (i.e. in fee, or by easement), temporarily (e.g. temporary construction easement), or a combination thereof.

Before right of way is acquired, NDDOT will first establish and submit to the property owner a written offer of the amount believed to be just compensation. Depending upon the complexity of the acquisition, this offer will either be based upon a Waiver Valuation or an approved appraisal. Both methods employ

the Sales Comparison Approach, one of the most common methods of property valuation. Regardless of the method used, the same basic valuation principles used nationwide are employed by NDDOT to ciples used nationwide are employed by NDDOT to ensure that the property's market value estimate is developed objectively and impartially. This provides the best assurance that NDDOT's offer will be fair and reasonable to both the property owner and the general public. If NDDOT or the acquiring local public agency believes the acquisition of the property is uncomplicated, and a review of available data supports a fair market value that is \$10,000 or less, a Waiver Valuation will be prepared as the basis for the agency's offer. An appraisal will be prepared when the acquisition is complex or otherwise does not meet Waiver Valuation criteria. The appraiser will offer you, the property owner, the right to be present during the inspection of the property. If you are unable or don't wish to be present during the inspection, you may appoint a representative to be present in your place. It is to your benefit to accompany the appraiser on the inspection, as it is an opportunity to point out any features of the property that you believe may be relevant to its valuation. A thorough appraisal provides the best assurance of a astisfactory settlement.

The appraiser will personally inspect the property and will review the details of the propesed acquisition with you or your representative. If only part of the property is to be acquired, the appraiser will also explain how the acquisition will affect the remaining property. The appraiser will consider all information periment to the value of your property, including (but not limited to) recent sales of comparable property. construction costs, rental values, etc.

When only part of the property is acquired, the appraiser will evaluate the effects of the acquisition on the property remaining, taking into consideration any damages that accrue from the acquisition, such as a separation of the remaining property into two

or more parcels; the cost of moving or constructing new fences; or restrictions on access to and from the highway or street. Special benefits, which result in an increase in the value of the remaining property, are also considered. After completing the investigation, the appraiser prepares a written report describing in defaul the basis for the appraisal. The completed appraisal report is then submritted to NDDOT for critical review. As part of the review process, the Review Appraiser may view your property and recommend additions or corrections to the original appraisal. The review will consider whether the work provides a credible basis for the appraiser's opinion, while meeting mintimum standards of professional appraisal practoc. Only after a thorough review concludes that the work meets these criteria will the appraisal practoc conclude that the work is not acceptable, a new appraisal will be obtained and the review process will begin anew. The appraisal and review processes are a system of "checks-and-balances," designed to ensure an objective, impartial, and credible valuation.

If, for some reason, you do not wish to have your property appraised, another option is available. Property owners may waive the right to an appraisal, choosing instead to donate all or part of the property interest needed for the project. Donations are a common practice when the acquisition is small in size and the value is minimal.

NEGOTIATION

All real estate transactions are the result of discussions between two parties. These discussions are called negotiations and are essential in reaching an agreement satisfactory to both parties. An acquisition agent, representing NDDOT or the political subdivision, will meet with you to give you a firm offer, in writing, for the necessary right of way.

The agent's primary duty is to advise and assist you in every possible way as to the process of selling

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your property to NDDOT or the political subdivision. It is the agent's obligation to be knowledgeable

about the highway or street system and real estate transactions. The agent:

- Can answer many of the questions you may ask about the effect of the proposed improvement on your property.
- Can answer most questions about mortgages, liens, taxes, legal documents, and many other topics.
- Will have all the necessary documents, and will be willing to explain them to you.
- Can help you arrange a release of a mortgage or lien if necessary.
- Must inform you of your rights in eminent domain and, when applicable, your reimbursement rights for moving personal property as well as your possible eligibility for the Relocation Assistance Program.
- A voucher copy of the transaction will be provided when you receive payment.

NDDOT and the political subdivision recognize that some property owners do not care to sell, and at times there will be some inconvenience connected with the sale. It is intended, however, that when negotiations are complete, you can say that you have been treated courteously and fairly.

ALTERNATIVE TO SETTLEMENT

When, for some reason, the necessary right of way cannot be acquired by a negotiated settlement, the representatives of NDDOT or the political subdivision have the right to fake the needed right of way through the laws of eminent domain. These are laws under which NDDOT and nearly all political subdivisions, as well as certain utility companies, have the right to take proverty for the benefit of the public. These laws also protect the rights of the

property owner by requiring that fair market value paid for all property acquired.

This action, more commonly known as "condern tion," is undertaken in North Dakota in accorda with pertinent statutes under Article 1, Section 16 the North Dakota Constitution. It is used only with the Decessary. When condemnation becomes necessary, NDC or the political subdivision place a monetary posit with the clerk of court of your county. This posit must be a reasonable offer for the dama, incurred. NDDOT and the political subdivision r have the right to immediate possession of the c demned property, depending on their specific cl ters, bylaws, etc.

The property owner is notified by the clerk of co of the action and the amount deposited. At this p the property owners may either accept the offer a withdraw the total amount deposited or file an peal with the district court for determination of di ages. This appeal must be filed within 30 days a receiving the notice from the clerk of court. Prop owners who withdraw the deposited payment may appeal, as may others with an interest in property. Although it is not legally required as part of emin domain proceedings, NDDOT or the political sul vision also sends a notice to each parth having ar terest in the property. This informs the property or the action and advises that when condemma is undertaken; all improvements including buildir fences, dams, wells, etc., on the condemmed r of way become the property of the state, county city. The improvements cannot be removed with written approval from NDDOT or the political sul vision.

RELOCATION ASSISTANCE

Under state and federal laws, all persons who required to move or relocate their family or busin as a result of the taking of right of way for high

or street purposes are entitled to certain rights and compensations. These are explained in detail in another brochure given to all persons forced to relocate. In most cases, an agent from NDDOT will help with the relocation assistance process.

CONTRACTS LET (BID)

Nearly all construction projects are let to competitive bids. Public bid lettings, at which contractors are invited to offer bids, are held periodically. Results of these bids are then considered and contracts are awarded to the lowest bidder capable of handling each project. All right of way must be acquired or condemned before construction contracts are advertised for bids.

FREQUENTLY ASKED QUESTIONS

When can I expect payment?

Generally, payment for right of way can be expected within 30 days following transfer of title. Titles clouded by mortgages, judgements, liens, etc., will probably take somewhat longer.

What about the mortgage on my property?

Representatives from NDDOT and the political subdivision generally make arrangements with mortgagees for release of mortgaged property. Payment for mortgaged property is usually made to the owner and the mortgage jointly, and arrangements for division of the payment must be worked out between them.

What about my buildings?

Owners of right of way involving buildings are generally given a choice of plans for consideration in negotiated settlements. First, NDDOT or the political subdivision offers to purchase the buildings outright along with the land, in which case the buildings are later sold at public auction or by sealed bids. Second, the property owner may choose to retain the improvements at a predetermined salvage value.

The salvage value will be deducted from the overall purchase price. Third, consideration will be given to payment for the cost of moving the buildings. NDDOT and the political subdivisions have the responsibility to make sure, in all transactions involving the moving of buildings, that the cost to move the buildings does not exceed the value of the buildings in place. This would be an unwise expenditure of public funds.

How soon will I have to move?

Every effort will be made to give occupants enough time to relocate. Ordinarily at least 90 days from the date of acquisition will be allowed.

Additional comments and answers to relocation questions most often asked are covered in the relocation brochure.

Must I pay income tax on the money received?

The sale of your property for highway or street purposes is considered by the Internal Revenue Service (IRS) as an "involuntary conversion." It is not necessary to pay income tax or capital tax if the money you receive is similarly reinvested within a given time. You should, however, check with the IRS or a local tax consultant for answers to your questions.

Where can I get additional information?

The acquisition agent who contacts you to purchase your property can usually provide any information requested, or will find it and report back to you.

all FOR MORE INFORMATION ON: to County and City Projects Contact the local public agency or municipality in which the project is located.

You may also contact:

- NDDOT, Local Government Division
 701-328-25,

State Highway Projects

State Highway Projects

Right of Way and Relocation Assistance issues		Office	Toll-Free:	701-328-0310	1-800-366-6888
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Reasonable Accommodations

NDDOT, Civil Rights Division

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able accommodation to provide:

 An accessible meeting facility or other accommodation for people with disabilities.

Language interpretation for people with limited

English proficiency (LEP). • Translations of written material necessary to ac-

cess NDDOT programs and information To request accommodations, contact

Civil Rights Division North Dakota Department of Transportation 701-328-2978 or civilitidhts@nd.gov TTY users may use Relay North Dakota at

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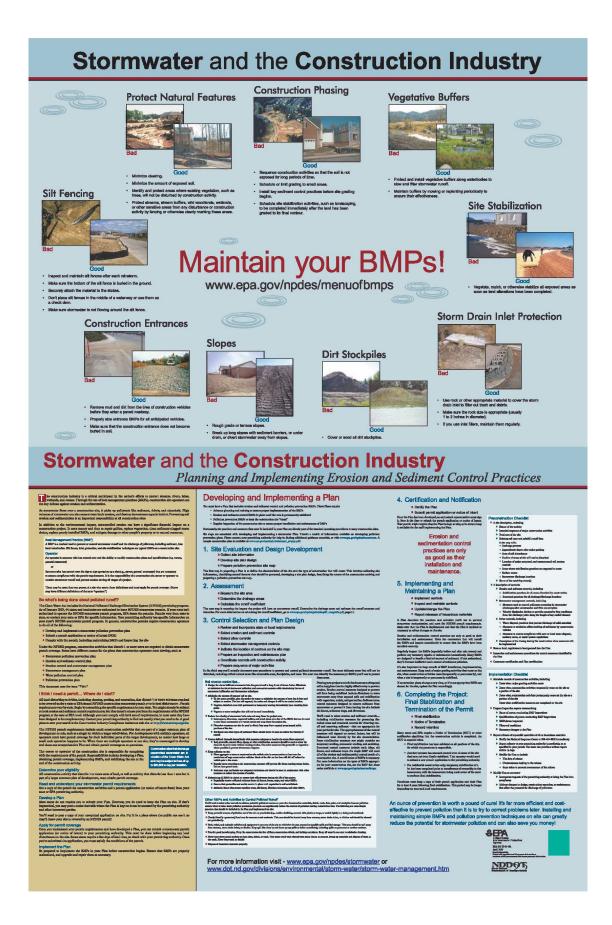
711 or 1-800-366-6888

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Appendix C Exhibits Presented

(Stormwater and the Construction Industry)



Appendix D Presentation Slides

Appendix E Roster

(SFN 60149 NDDOT Title VI Public Participation Survey is not to be included in the Public Involvement Report)

Appendix F

Comments and Responses

(Also include in the final document the original comment cards that were received as well as any emails. If figures or attachments were included with the cards or emails those also need to be included.)

Location of Comment in Public Hearing Transcript/Topic				
Response				
Comment				
Date of Comment				
Entity (Name, Relation to Project)				
Comment Number				

Appendix G Transcript/Video Script

Appendix A Notifications

Public Events Calendar

Details

Event

UPDATED					
Name:	<u>I-94 Interchange at Sunset Drive, Exit 152</u> <u>(https://youtu.be/QvKJ7zlk350)</u>				
Location:	Mandan Middle School, 2901 12th Ave NW, Mandan ND				
Room:	Cafeteria				
Date:	Thursday, April 20, 2023				
Time:	6:00 PM - 8:00 PM Central Time				

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Description:						
	To discuss proposed improvements to the I-94 Interchange at Sunset Drive (Exit 152).					
	The project consists of a preliminary engineering and feasibility study to develop and					
	evaluate alternatives for the reconstruction of the interchange.					
	WHEN?					
	Thursday April 20, 2023					
	Formal Presentation 6:30 p.m. to 7:00 p.m. Central					
	Open House: 6:00 p.m. to 8:00 p.m.					
	A Virtual (pre-recorded) presentation and other materials are available on the NDDOT					
	website at www.dot.nd.gov					
	Click "Public Meetings" under Quick Links					
	WHERE?					
	Mandan Middle School Cafeteria					
	2901 12th Ave. NW					
	Mandan, ND 58554					
	OPEN HOUSE CONDUCTED BY:					
	ND Department of Transportation (NDDOT) and Mead & Hunt, Inc.					
	This meeting is designed to allow for public input which is required for compliance with					
	the National Environmental Policy Act of 1970 and National Historic Preservation Act of					
	1966.					
	Representatives from the NDDOT and Mead & Hunt, Inc. will be on hand to answer your					
	questions and discuss your concerns.					
	WRITTEN STATEMENTS or comments about this project must be postmarked or					
	emailed May 5, 2023, to Chris Rossmiller, 600 South Second Street, Suite 120,					
	Bismarck, ND 58504 Email: c.rossmiller@meadhunt.com Note "Public Input Meeting" in					
	the letter heading or email subject.					
	The North Dakota Department of Transportation (NDDOT) will consider every request for					
	reasonable accommodation to provide:					
	• an accessible meeting facility or other accommodation for people with disabilities,					
	Ianguage interpretation for people with limited English proficiency (LEP), and					
	• translations of written material necessary to access NDDOT programs and information.					
	Appropriate provisions will be considered when the Department is notified at least 10					
	days prior to the meeting date or the date the written material translation is needed.					
	To request accommodations, contact Heather Christianson, Civil Rights Division,					
	NDDOT, at (701)328 2978 or civilrights@nd.gov. TTY users may use Relay North					
	Dakota at 711 or 1 800 366 6888.					

Name:	Chris Rossmiller
Telephone:	952-641-8832
Email:	<u>c.rossmiller@meadhunt.com</u> (mailto:c.rossmiller@meadhunt.com)

Title VI and Nondiscrimination Survey Link

The Civil Rights Act of 1964 and related nondiscrimination authorities require the North Dakota Department of Transportation to ensure everyone has the opportunity to comment on the transportation programs and activities that may affect their community. To help with that, we ask that you respond to the following questions. You are not required to disclose the information requested in order to participate. Any information provided to the NDDOT will be retained solely for the purpose of collecting statistical data to ensure inclusion of all segments of the population affected by transportation programs and activities.

TITLE VI PUBLIC PARTICIPATION SURVEY (https://forms.office.com/r/y9s5qekg68)

Document:	Alt 2: Diverging Diamond (https://www.dot.nd.gov/projects/bismarck/exit152/img/2023_04_07- Alternative2.pdf)
Document:	Alt 3: Partial Cloverleaf (https://www.dot.nd.gov/projects/bismarck/exit152/img/2023_04_07- Alternative3.pdf)
Document:	Alt 4: Diamond w/ Roundabout (https://www.dot.nd.gov/projects/bismarck/exit152/img/2023_04_07- Alternative4.pdf)
Document:	Alt1: Single Point Interchange (https://www.dot.nd.gov/projects/bismarck/exit152/img/2023_04_07- Alternative1.pdf)
Document:	Comment Sheet (https://forms.office.com/r/SdRn2PdBd7)

Document:	Project Webpage (https://www.dot.nd.gov/projects/bismarck/exit152/)
Document:	Sign-In Sheet (https://forms.office.com/r/CJgDee50dE)

Attachments

Files:

NDDOT_Exit-152_PMI-1_Presentation_FINAL_NO-VIDEO (http://www.dot.nd.gov/docs/calendar/11398/NDDOT_Exit-152_PMI-1_Presentation_FINAL_NO-VIDEO.pdf)

Stormwater Brochure

(http://www.dot.nd.gov/docs/calendar/11398/Stormwater%20Brochure.pdf)

Return

Home (https://www.dot.nd.gov/) About (https://www.dot.nd.gov/public/about.htm) Careers (https://www.dot.nd.gov/dotnet2/view/careers.aspx) Get Answers (https://www.dot.nd.gov/dotnet2/view/faq.aspx) Publications (https://www.dot.nd.gov/manuals/manuals-publications.htm) Forms (https://www.dot.nd.gov/dotnet2/view/forms.aspx) Site Map (https://www.dot.nd.gov/sitemap.htm) Public (https://www.dot.nd.gov/public/) Travel/Roads (https://www.dot.nd.gov/travel/) Business (https://www.dot.nd.gov/business/) Disclaimer (https://www.dot.nd.gov/privacy.html#disclaimer) Privacy Policy (https://www.dot.nd.gov/privacy.html) Security Policy (https://www.dot.nd.gov/privacy.html) Accessibility Policy (https://www.dot.nd.gov/privacy.html#accessibility) W3C XHTML (http://validator.w3.org/) W3C AA (http://www.w3.org/WAI/WCAG1AA-Conformance) © Copyright 2022. North Dakota Department of Transportation. All Rights Reserved Questions or Comments? Contact NDDOT (https://www.dot.nd.gov/dotnet2/submitinfo/submitinfo.aspx?pageID=questions)

PUBLIC INPUT MEETING

WHY?

To discuss proposed improvements to the I-94 Interchange at Sunset Drive, Exit 152. The project consists of a preliminary engineering and feasibility study to develop and evaluate reconstruction alternatives for the interchange.

WHEN?

Thursday April 6, 2023 Formal Presentation: 6:30p.m. to 7:00p.m. Central Open House: 6:00p.m. to 8:00p.m. A Virtual (pre-recorded) presentation and other materials are available on the NDDOT website at www.dot.nd.gov

Click "Public Meetings" under Quick Links

WHERE?

Mandan Middle School Cafeteria 2901 12th Ave NW Mandan, ND 58554

OPEN HOUSE CONDUCTED BY

ND Department of Transportation (NDDOT) and Mead & Hunt, Inc.

This meeting is designed to allow for public input which is required for compliance with the National Environmental Policy Act of 1970 and National Historic Preservation Act of 1966.

Representatives from the NDDOT and Mead & Hunt, Inc. will be on hand to answer your questions and discuss your concerns.

WRITTEN STATEMENTS or comments about this project must be postmarked or emailed April 21, 2023, to Chris Rossmiller, 600 South Second Street, Suite 120, Bismarck, ND 58504 Email: c.rossmiller@meadhunt.com Note "Public Input Meeting" in the letter heading or email subject.

The North Dakota Department of Transportation (NDDOT) will consider every request for reasonable accommodation to provide:

- an accessible meeting facility or other accommodation for people with disabilities,
- language interpretation for people with limited English proficiency (LEP), and
- translations of written material necessary to access NDDOT programs and information.

Appropriate provisions will be considered when the Department is notified at least 10 days prior to the meeting date or the date the written material translation is needed.

To request accommodations, contact Heather Christianson, Civil Rights Division, NDDOT, at (701)328-2978 or civilrights@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.



Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.

2. The newspapers listed on the exhibits published the advertisement of: Mead & Hunt – ND Department of Transportation –Public input meeting Sunset Drive Exit 152; 1 time(s) as required by law or ordinance.

3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

Signed:

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 29th day of March, 2023.

SHARON L. PETERSON NOTARY PUBLIC STATE OF NORTH DAKOTA MY COMMISSION EXPIRES NOV. 08, 2025

North Dakota Newspaper Association

1435 Interstate Loop Bismarck, North Dakota 58503 Phone: 1-701-223-6397 Fax: 1-701-223-8185

INVOICE

March 31, 2023

Order: 23033	MNU	Invoice# 131	95							
Attn: Chris Ross	smiller				Advertiser:	ND D	epartment o	of Transportation		
Mead & Hunt										
600 S 2nd St Su	uite 120				Brand:					
Bismarck, Nortl	h Dakota 5850	04			Campaign					
					Client Order Number:					
					Amount Due:			Ş	\$0.00	
Voice: (701) 566-6448 Fax:			Amount Paid:	\$445.62						
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ND Departmen	it of Transpo	rtation Invoice#1	3195 P.O.#:	Client Order	Number:					
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03/14/2023	21.00	Notice Display	\$14.24		\$299.04	\$0.00	(0.00%)	\$299.04		
Сар	tion: Public ir	nput meeting Sunset	Drive Exit 152							

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\$146.58

\$146.58

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Amount Paid

Adjustments

Payment Date

Balance Due

(0.00%)

\$299.04

\$146.58

\$146.58

\$445.62

March 31, 2023

\$0.00

\$0.00

If you'd like to pay your invoice online, go to www.ndna.com/billpay. We accept Visa/Mastercard. A 3% fee will automatically be added to your total. We also accept checks and ACH, with no additional fee added. Contact Rhonda at rhondaw@ndna.com or 701-595-7311 for ACH information. Thank you!

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\$14.24

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Subtotal:

03/17/2023

Subtotal:

21.00

21.00

Gross Advertising

Agency Discount

Other Discount

Service Charge

21.00 Notice Display

Caption: Public input meeting Sunset Drive Exit 152

Mandan News (Mandan, North Dakota)



701-258-6900 · 1-866-476-5348







BISMARCK TRIBUNI

Online 24 hour ad placement dakotaclassifieds.com By phone Phone hours

Mon.-Fri, 8:00 AM - 5:00 PM701,258,6900

Tol Free 1.866.I.SOLD.IT Fax701.250.0195

In person Please schedule an appt.

Mon.-Fri. 8:00 AM - 5:00 PM Main office: 707 E. Front Ave. (entrance located on 7th Street & Sweet Ave.) *Some restrictions apoly.



Major credit cards accepted. Private party ads require pre-payment with ad orders.



701-258-6900 · 1-866-476-5348







In person Please schedule an appt. Mon - Fri, 8:00 AM - 5:00 PM

*Some restrictions apoly.

Main office: 707 E, Front Ave, (entrance located on 7th Street & Sweet Ave.)

Major credit cards accepted. Private party ads require pre-payment with ad orders.

MANDAN NEW

For more information: Communications Division, NDDOT, at (701) 328-4322

Embargo until: Immediate release

Public input meeting for proposed improvements in Mandan rescheduled for April 20

The public input meeting to discuss proposed improvements to the Interstate 94 Interchange at Sunset Drive, Exit 152, was rescheduled for Thursday, April 20.

An in-person meeting will be held from 6 to 8 p.m. CDT at the Mandan Middle School Cafeteria, 2901 12th Ave. NW in Mandan. The meeting will utilize an open house format with a formal presentation at 6:30 p.m.

A virtual, pre-recorded, presentation and other materials will be available on the NDDOT website at www.dot.nd.gov, click Public Meetings under Quick Links.

The project consists of a preliminary engineering and feasibility study to develop and evaluate reconstruction alternatives for the interchange. The meeting will provide opportunity for public input with representatives from the North Dakota Department of Transportation (NDDOT) and Mead & Hunt, Inc.

If unable to attend the public input meeting, written statements or comments must be postmarked or emailed by May 5, 2023, to Chris Rossmiller, 600 South Second Street, Suite 120, Bismarck, ND 58504 or email: c.rossmiller@meadhunt.com with "Public Input Meeting-PCN 23594" in the letter heading or e-mail subject.

The North Dakota Department of Transportation (NDDOT) will consider every request for reasonable accommodation to provide:

- an accessible meeting facility or other accommodation for people with disabilities,
- language interpretation for people with limited English proficiency (LEP), and

• translations of written material necessary to access NDDOT programs and information.

To request accommodations, contact Heather Christianson at (701) 328-2978 or <u>heachristianson@nd.gov</u>. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

-###-

PUBLIC INPUT MEETING

Why?

To discuss proposed improvements to the I-94 Interchange at Sunset Drive, Exit 152. The project consists of a preliminary engineering and feasibility study to develop and evaluate reconstruction alternatives for the interchange.

WHEN?

Thursday, April 20, 2023

Formal Presentation: 6:30p.m. to 7:00p.m. Central Open House: 6:00p.m. to 8:00p.m. A Virtual (pre-recorded) presentation and other materials are available on the NDDOT website at www.dot.nd.gov

Click "Public Meetings" under Quick Links

WHERE?

Mandan Middle School Cafeteria 2901 12th Ave NW Mandan, ND 58554

OPEN HOUSE CONDUCTED BY

ND Department of Transportation (NDDOT) and Mead & Hunt, Inc.

This meeting is designed to allow for public input which is required for compliance with the National Environmental Policy Act of 1970 and National Historic Preservation Act of 1966.

Representatives from the NDDOT and Mead & Hunt, Inc. will be on hand to answer your questions and discuss your concerns.

WRITTEN STATEMENTS or comments about this project must be postmarked or emailed May 5, 2023, to Chris Rossmiller, 600 South Second Street, Suite 120, Bismarck, ND 58504 Email: c.rossmiller@meadhunt.com Note "Public Input Meeting" in the letter heading or email subject.

The North Dakota Department of Transportation (NDDOT) will consider every request for reasonable accommodation to provide:

- an accessible meeting facility or other accommodation for people with disabilities,
- language interpretation for people with limited English proficiency (LEP), and
- translations of written material necessary to access NDDOT programs and information.

Appropriate provisions will be considered when the Department is notified at least 10 days prior to the meeting date or the date the written material translation is needed.

To request accommodations, contact Heather Christianson, Civil Rights Division, NDDOT, at (701)328-2978 or civilrights@nd.gov. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

Public input meeting for proposed improvements in Mandan scheduled April 20

BISMARCK, N.D. – The public input meeting to discuss proposed improvements to the Interstate 94 Interchange at Sunset Drive, Exit 152, is scheduled for Thursday, April 20.

An in-person meeting will be held from 6 to 8 p.m. CDT at the Mandan Middle School Cafeteria, 2901 12th Ave. NW in Mandan. The meeting will utilize an open house format with a formal presentation at 6:30 p.m.

A virtual, pre-recorded presentation and other materials will be available on the North Dakota Department of Transportation (NDDOT) website at www.dot.nd.gov, click Public Meetings under Quick Links.

The project consists of a preliminary engineering and feasibility study to develop and evaluate reconstruction alternatives for the interchange.

The meeting will provide an opportunity for public input with representatives from the NDDOT and Mead & Hunt, Inc.

If unable to attend the public input meeting, written statements or comments must be postmarked or emailed by May 5, 2023, to Chris Rossmiller, 600 South Second Street, Suite 120, Bismarck, ND 58504, or email: c.rossmiller@meadhunt.com with "Public Input Meeting-PCN 23594" in the letter heading or e-mail subject.

The NDDOT will consider every request for reasonable accommodation to provide:

- an accessible meeting facility or other accommodation for people with disabilities,
- language interpretation for people with limited English proficiency (LEP), and
- translations of written material necessary to access NDDOT programs and information.

To request accommodations, contact Heather Christianson at 701-328-2978 or **heachristianson@nd.gov (mailto:heachristianson@nd.gov)**. TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

- ### -

MEDIA CONTACT:

David Finley drfinley@nd.gov 701.328.4444



Affidavit of Publication

Liz Prather, being duly sworn, states as follows:

1. I am the designated agent, under the provisions and for the purposes of, Section 31-04-06, NDCC, for the newspapers listed on the attached exhibits.

2. The newspapers listed on the exhibits published the advertisement of: Mead & Hunt - ND Department of Transportation - Public input meeting Sunset Dr Exit 152; 1 time(s) as required by law or ordinance.

3. All of the listed newspapers are legal newspapers in the State of North Dakota and, under the provisions of Section 46-05-01, NDCC, are qualified to publish any public notice or any matter required by law or ordinance to be printed or published in a newspaper in North Dakota.

Signed:

State of North Dakota

County of Burleigh

Subscribed and sworn to before me this 12th day of April, 2023.

SHARON L. PETERSON NOTARY PUBLIC STATE OF NORTH DAKOTA MY COMMISSION EXPIRES NOV. 08, 2025

North Dakota Newspaper Association

1435 Interstate Loop Bismarck, North Dakota 58503 Phone: 1-701-223-6397 Fax: 1-701-223-8185

INVOICE

April 13, 2023

Attn:				Advertiser:	ND D	epartment o	of Transportation	
Mead & Hunt								
600 S 2nd St S	uite 120			Brand:				
Bismarck, Nor	th Dakota 58504			Campaign				
				Client Order Nu	mber:			
				Amount Due:			\$42	4.40
Voice: (701) 56	66-6448 Fax:							
		F	Please detach and return this	portion with your payment				
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ND Departme	nt of Transportation Invoice#	13223 F.U.#.		1.				
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If you'd like to pay your invoice online, go to www.ndna.com/billpay. We accept Visa/Mastercard. A 3% fee will automatically be added to your total. We also accept checks and ACH, with no additional fee added. Contact Rhonda at rhondaw@ndna.com or 701-595-7311 for ACH information. Thank you!





Main office: 707 E. Front Ave. (entrance located on 7th Street & Sweet Ave.)

Project Number #6435712 on the "Search Projects" page, for assistance and the feer membership registration, contact into@questchc.com, Pager copies of the bid occurrents may be obtained from the bid occurrents may be obtained from the Chy of Mandan Engineering office, 205 2nd Avenue Northwest, Mandan, North payment of 3500 for each set, P Pans are maded out and additional fee of 155,00 will be added for postage and handing, shall be accompanied by a scenario annehmen containing a bidder.

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Miguel,

I met with Andrew late yesterday.

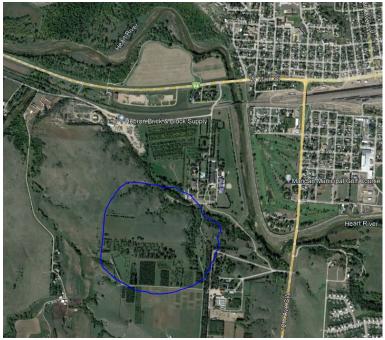
He recommended adding:

- The Baymont Hotel/Conference center
- County Highway Facility to the west of the Interchange I will reach out
- PTA association (Red Trail Elementary and Lewis and Clark Elementary) I will get contacts through school district

Once I have the affidavit, I will also reach out to their communication specialist to get the notice in the e-newsletter and their social media.

He will help with local contacts for the businesses as he talks to many of them weekly

He did mention the new Women's prison that will be located south of the Interchange. It will be located south of Main Street near the youth correctional facility.



Also discuss the redevelopment of the existing high school site (18 acres) right now anticipated to be higher density mixed use type of development, should already be accounted for in the projection data from MPO study.

Chris Rossmiller, PE

Direct: 952-641-8832 | Transfer Files meadhunt.com | Experience Exceptional

From: Andrews, Miguel <msandrews@nd.gov>
Sent: Tuesday, March 7, 2023 9:01 AM
To: Chris Rossmiller <Christopher.Rossmiller@meadhunt.com>
Subject: RE: Stakeholder Meeting: 1-094(231)152 Interstate 94 and Sunset Drive Interchange

Chris – This is a good start. Please also invite the Businesses along Boundary Street:

Messiah Lutheran Church Fried's Hide-Away Mobil Antioch Centre Vibra

Do you know if the City of Mandan had any feedback for us on other possible attendees?

Thank you, Miguel Andrews Transportation Engineer, P.E.

701.328.4796 • msandrews@nd.gov • dot.nd.gov

 NORTH

 Dakota

 Be Legendary.

From: Chris Rossmiller <<u>Christopher.Rossmiller@meadhunt.com</u>>
Sent: Tuesday, March 7, 2023 12:44 AM
To: Andrews, Miguel <<u>msandrews@nd.gov</u>>
Subject: Stakeholder Meeting: 1-094(231)152 Interstate 94 and Sunset Drive Interchange

***** **CAUTION:** This email originated from an outside source. Do not click links or open attachments unless you know they are safe. *****

Miguel,

Per our conversation, here is the list I propose for the stakeholder meeting. If this looks acceptable, I need to make a few call to lock in attendees and location with the city, but wanted your feedback. Also need feedback on invitees from the district for this meeting?

Stakeholder Meeting #1:

Location: Propose In-person. Will inquire with city about meeting space at city hall, backup would be the Middle School after school hours (3:30 p.m.)

Tentative Date: March 23rd, 4:00 p.m. Targeting late afternoon/early evening to work around businesses and city schedule. Backup would be March 27th, prior to PIM.

Attendees:

City of Mandan – Planning, Andrew Stromme

City of Mandan – Engineering, Justin Froseth

City of Mandan – Mayor Helbing

City of Mandan - Commissioner Mike Braun

City of Mandan – Administrator Jim Neubauer

City of Mandan Parks – Director Cole Higgin

City of Mandan Chamber/EDC - Wendy Van Duyne (Chair)

Mandan School District – Mike Bitz and at his discretion, representatives for the middle school and new high school

Mandan Fire department – Chief Steve Nardello

Mandan Police department – Chief Jason Ziegler

Mandan EMS – Metro Area Ambulance

Bis-Man Transit – Diedre Hughes, Director

MPO – Kim Riepl

Neighborhood Representation - Community Group representation if there are neighborhood

associations - inquire with city of Mandan about options

Businesses (local owners/managers to be determined)

- Cloverdale
- Walmart
- NISC
- Others as discussed with city of Mandan

Chris Rossmiller, PE

Project Manager | Transportation Direct: 952-641-8832 | <u>Transfer Files</u>

Mead Hunt

From:	Chris Rossmiller
То:	Jason Owens; Amy Denz; Kyle Roberts; Andrews, Miguel; Samardzic, Ranka; Zacher, Wayne A.; Johnson,
	<u>Michael E.; Andrew K. Stromme; Jim Neubauer; Cole Higlin; kriepl@bismarcknd.gov; snardello@nd.gov;</u>
	jziegler@mandanpd.com; dpmoore.s02033@us.wal-mart.com; Tyler@ganglhospitality.com;
	jgegelman1967@yahoo.com; tirecook101@aol.com; jhelten@thedavisgroupre.com; Scott Staudinger; T.J.
	Russell; Dave.Steckler@msd1.org; Amanda.Meier@msd1.org; Ryan.Leingang@msd1.org;
	Mark.Andresen@msd1.org; gregg.kathol@harlowsschoolbus.com; Ryan.Lagasse@msd1.org; MIKE BITZ;
	tim.helbling@cityofmandan.com; dhughes@bismantransit.com
Subject:	Invitation to Stakeholder Meeting: 1-094(231)152 PCN 23594 Interstate 94 and Sunset Drive Interchange
Start:	Thursday, April 20, 2023 5:00:00 PM
End:	Thursday, April 20, 2023 6:00:00 PM
Location:	Mandan Middle School (2901 12th Ave NW, Mandan, ND 58554)
Attachments:	Exit-152 Project Area Map.pdf

You are invited to attend a stakeholder listening session for the Interstate 94 and Sunset Drive Interchange study. The meeting will be held at the following time and location:

When: Thursday, April 20, 2023 at 5:00 p.m.

Where: Mandan Middle School Cafeteria

2901 12th Ave NW

Mandan, ND 58554

The North Dakota Department of Transportation (NDDOT), with assistance from the consultant team from Mead & Hunt, is conducting a preliminary engineering and feasibility study to develop and evaluate reconstruction alternatives for the interchange located on Interstate 94 at Sunset Drive in the City of Mandan. Enclosed is a map of the project location and the limits of the study. The project is evaluating the operational and geometric deficiencies of the current interchange and develop improvement alternatives and modifications for the interchange. New right-of-way may be needed for the project. The current timeline for the project would have construction of the new interchange beginning in 2026. More information about the project, including a virtual presentation and exhibits of the interchange alternatives, will be available on the project website at: I-94 Interchange (Exit 152) Sunset Drive https://www.dot.nd.gov/projects/bismarck/exit152/> prior to the meeting.

The purpose of this meeting is to allow stakeholders an opportunity to view project exhibits, meet the project staff, and discuss the project in a one-onone environment. Your input will help the design team gain an understanding of stakeholder issues, needs, and concerns related to the interchange improvement.

Please note this meeting will be held ahead of a Public Input Meeting held at the same location beginning at 6 p.m. (with a presentation at 6:30 p.m.). If you able to attend at the time noted above, staff will still be available until 8 p.m. to discuss the project with you. Your input is very important to us, so if you are unable to attend, please feel free to fill out an online comment form (available on the website) or feel free to contact Chris Rossmiller at 952-641-8832 if you have any questions or comments.

Thank you,

Appendix B Handouts



R Citizen's Guide to



)sunsty 2003 EPA 833-B-03-002

or visit www.epa.gov/npdes/stormwater www.epa.gov/nps

lmtd.gniob\tob\su.bn.ststs.www



For more information contact:

muois shi veila

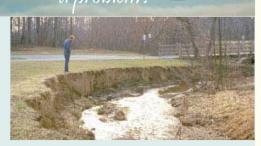


What is stormwater runoff?



Stormwater runoff occurs when precipitation from rain or snowmelt flows over the ground. Impervious surfaces like driveways, sidewalks, and streets prevent stormwater from naturally soaking into the ground.

Why is stormwater runoff a problem?



Stormwater can pick up debris, chemicals, dirt, and other pollutants and flow into a storm sewer system or directly to a lake, stream, river, wetland, or coastal water. Anything that enters a storm sewer system is discharged untreated into the waterbodies we use for swimming, fishing, and providing drinking water.

The effects of pollution

Polluted stormwater runoff can have many adverse effects on plants, fish, animals, and people.

- Sediment can cloud the water and make it difficult or impossible for aquatic plants to grow. Sediment also can destroy aquatic habitats.
- Excess nutrients can cause algae blooms. When algae die, they sink to the bottom and decompose in a process that removes oxygen from the water. Fish and other aquatic organisms can't exist in water with low dissolved oxygen levels.
- Bacteria and other pathogens can wash into swimming areas and create health hazards, often making beach closures necessary.
- Debris—plastic bags, six-pack rings, bottles, and cigarette butts—washed into waterbodies can choke, suffocate, or disable aquatic life like ducks, fish, turtles, and birds.
- Household hazardous wastes like insecticides, pesticides, paint, solvents, used motor oil, and other auto fluids can poison aquatic life. Land animals and people can become sick or die from eating diseased fish and shellfish or ingesting polluted water.





 Polluted stormwater often affects drinking water sources. This, in turn, can affect human health and increase drinking water treatment costs.

Stormwater Pollution Solutions

Auto care

Washing your car and degreasing auto parts at home

can send detergents and other

drains has the same result as

contaminants through the

into a waterbody.

ground



Recycle or properly dispose of household products that contain chemicals, such as insecticides, pesticides, paint, solvents, and used motor oil and other auto fluids. Don't pour them onto the ground or into storm drains.

Lawn care

Excess fertilizers and pesticides applied to lawns and gardens wash off and pollute streams. In addition, yard clippings and leaves can wash



into storm drains and contribute nutrients and organic matter to streams

- Don't overwater your lawn. Consider using a soaker hose instead of a sprinkler.
- Use pesticides and fertilizers sparingly. When use is necessary, use these chemicals in the recommended amounts. Use organic mulch or safer pest control methods whenever possible.
- Compost or mulch yard waste. Don't leave it in the street or sweep it into storm drains or streams.
- Cover piles of dirt or mulch being used in landscaping projects.

Commercial



maintained

septic systems release nutrients and pathogens (bacteria and viruses) that can be picked up by stormwater and discharged into nearby waterbodies. Pathogens can cause public health problems and environmental concerns.

- Inspect your system every 3 years and pump your tank as necessary (every 3 to 5 years).
- Don't dispose of household hazardous waste in sinks or toilets.

storm sewer system. Dumping automotive fluids into storm dumping the materials directly • Use a commercial car wash that treats or recycles its wastewater, or wash your car on your yard so the water infiltrates into the

• Repair leaks and dispose of used auto fluids and batteries at designated drop-off or recycling locations

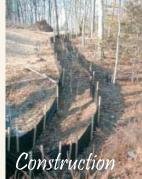
> Pet waste Pet waste can be a major source of bacteria and excess nutrients

remember to pick up the waste and dispose of it properly. Flushing pet waste is the best disposal method. Leaving pet waste on the ground increases public health risks by allowing harmful bacteria and nutrients to wash into the storm drain and eventually into local

in local waters. • When walking your pet,

Erosion controls that aren't maintained can cause excessive amounts of sediment and debris to be carried into the stormwater system. Construction vehicles can leak fuel, oil, and other harmful fluids

- Divert stormwater away from disturbed or exposed areas of the construction site.
- Install silt fences, vehicle mud removal areas, vegetative cover, and other sediment and erosion controls and properly maintain them, especially after rainstorms
- Prevent soil erosion by minimizing disturbed areas during construction projects, and seed and mulch bare areas as soon as possible.



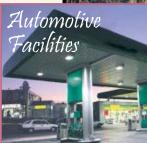


Lack of vegetation on streambanks can lead to erosion. Overgrazed pastures can also contribute excessive amounts of sediment to local waterbodies. Excess fertilizers and pesticides can poison aquatic animals and lead to destructive algae blooms. Livestock in streams can contaminate waterways with bacteria, making them unsafe for human contact.

- Keep livestock away from streambanks and provide them a water source away from waterbodies
- Store and apply manure away from waterbodies and in accordance with a nutrient management plan.
- Vegetate riparian areas along waterways.
- Rotate animal grazing to prevent soil erosion in fields.
- Apply fertilizers and pesticides according to label instructions to save money and minimize pollution.

Improperly managed logging operations can result in erosion and sedimentation.

- Conduct preharvest planning to prevent erosion and lower costs.
- Use logging methods and equipment that minimize soil disturbance.
- Plan and design skid trails, yard areas, and truck access roads to minimize stream crossings and avoid disturbing the forest floor.
- Construct stream crossings so that they minimize erosion and physical changes to streams.
- Expedite revegetation of cleared areas.



Uncovered fueling stations allow spills to be washed into storm drains. Cars waiting to be repaired can leak fuel, oil, and other harmful fluids that can be picked up by stormwater.

- Clean up spills immediately and properly dispose of cleanup materials.
- Provide cover over fueling stations and design or retrofit facilities for spill containment.
- Properly maintain fleet vehicles to prevent oil, gas, and other discharges from being washed into local waterbodies
- Install and maintain oil/water separators.





designed areas planted with native plants can provide natural places for

Education is essential to changing people's behavior.

Signs and markers near storm drains warn residents

that pollutants entering the drains will be carried

Permeable Pavement—Traditional concrete and

asphalt don't allow water to soak into the ground.

systems allow rain and snowmelt to soak through,

Instead these surfaces rely on storm drains to

divert unwanted water. Permeable pavement

untreated into a local waterbody.

Residential landscaping

decreasing stormwater runoff.

Rain Barrels—You can



rainwater to collect and soak into the ground. Rain from rooftop areas or paved areas can be diverted into these areas rather than into storm drains.

Vegetated Filter Strips—Filter strips are areas of native grass or plants created along roadways or streams. They trap the pollutants stormwater picks up as it flows across driveways and streets.

waterbodies

Dirt, oil, and debris that collect in parking lots and paved areas can be washed into the storm sewer system and eventually enter local waterbodies

- Sweep up litter and debris from sidewalks, driveways and parking lots, especially around storm drains.
- Cover grease storage and dumpsters and keep them clean to avoid leaks.
- Report any chemical spill to the local hazardous waste cleanup team. They'll know the best way to keep spills from harming the environment.

that can be picked up by stormwater and deposited into local waterbodies.



NORTH DAKOTA DEPARTMENT OF TRANSPORTATION Bismarck, North Dakota dotind gov.

January 2016

Prepared by

Steps in Highway Planning, Design, and Construction

FRAFFIC SURVEYS

Traffic surveys are studies of the traffic flow from which engineers can determine the numbers and types of vehicles using a specific length of highway on any given day or hour. Surveys are taken by means of mechanical counters and personal interviews. This information, along with maintenance cost records and safety issues, is the basis for determining the need for a new or improved highway or street.

PROGRAMMING

After highway or street improvement needs are es-tablished, they are presented to planning engineers and are included in a long-range highway or street program. Each proposed improvement is then considered, along with other improvements, and is given a priority and placed in the program.

PRELIMINARY ENGINEERING

Preliminary engineering covers all studies and surveys necessary to plan and design a highway or street.

presents them to engineers in other specialized direct for tudy. The engineer prepares a cost esti-mate and analyzes the advantages and disadvan-tages of each route. The location engineer, through the use of aerial pho-tographs and on-site inspection, studies the terrain in the area, selects the most feasible routes, and

hearings. Surveys are then completed including lay-ing out a centerline and measuring elevation and drainage. The exact location of all buildings, fences, prover poles, dams, wells, corrals, and other im-provements is also documented. The final route is selected after public meetings/

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PUBLIC MEETINGS/HEARINGS

opportunity to comment on projects. Public meet-ings/hearings are held in the locale of most projects. Notices of scheduled meetings/hearings are published in local newspapers and press releases are Public meetings/hearings provide the public an early sent to media.

All available facts are gathered and presented at these meetings/hearings. The public is invited to present their views. Everyone is urged to attend and will be given the opportunity to comment and ask questions concerning the proposed route. You may be able to provide useful information that the North Dakota Department of Tarnsportation (NDDOT) or the political subdivision can use as it makes a final decision on the proposed project.

FINAL DESIGN

Final design of the project begins as soon as the exact project location is decided. Design plans will describe in detail how the highway slopes, and other details, as well as the limits of the necessary right of way which must be acquired for or street will be built. This includes grades, drainage, construction.

VALUATIONS

quired partially or in total; either permanently (i.e. in fee, or by easement), temporarily (e.g. temporary construction easement), or a combination thereof. requirements, private property may have to be acerties. Depending upon a project's specific design Highway or street construction projects will, at times, require additional right of way from adjoining prop-

Depending upon the complexity of the acquisition, this offer will either be based upon a Waiver Valua-tion or an approved appraisal. Both methods employ Before right of way is acquired, NDDOT will first establish and submit to the property owner a written offer of the amount believed to be just compensation.

common methods of property valuation. Regardless of the method used, the same basic valuation principles used nationwide are employed by NDDOT to ensure that the property's market value estimate is developed objectively and impartially. This provides the best assurance that NDDOT's offer will be fair and reasonable to both the property owner and the the Sales Comparison Approach, one of the most general public

lieves the acquisition of the property is uncompli-cated, and a review of available data supports a fair ation will be prepared as the basis for the agency's If NDDOT or the acquiring local public agency bemarket value that is \$10,000 or less, a Waiver Valuoffer. An appraisal will be prepared when the acquisition is owner, the right to be present during the inspection of the property. If you are unable or don't wish to be present during the inspection, you may appoint a representative to be present in your place. It is to your benefit to accompany the appraiser on the inspection, as it is an opportunity to point out any features of the property that you believe may be rel-evant to its valuation. A thorough appraisal provides tion criteria. The appraiser will offer you, the property complex or otherwise does not meet Waiver Valuathe best assurance of a satisfactory settlement.

and will review the details of the proposed acquisi-tion with you or your representative. If only part of The appraiser will personally inspect the property the property is to be acquired, the appraiser will also explain how the acquisition will affect the remaining property. The appraiser will consider all information pertinent to the value of your property, including (but not limited to) recent sales of comparable property, construction costs, rental values, etc.

evaluate the effects of the acquisition on the property remaining, taking into consideration any damages that accrue from the acquisition, such as a separation of the remaining property into two When only part of the property is acquired, the appraiser will

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or more parcels; the cost of moving or constructing new fences; or restrictions on access to and from the highway or street. Special benefits, which result in an increase in the value of the remaining property, are also considered.

is then submitted to NDDOT for critical review. As part of the review process, the Review Appraiser may view your property and recommend additions conclude that the work is not acceptable, a new ap-praisal will be obtained and the review process will After completing the investigation, the appraiser prepares a written report describing in detail the basis for the appraisal. The completed appraisal report or corrections to the original appraisal. The review will consider whether the work provides a credible basis for the appraiser's opinion, while meeting min-imum standards of professional appraisal practice. Only after a thorough review concludes that the work meets these criteria will the appraisal be approved as a basis for the Agency's offer. Should the review begin anew. The appraisal and review processes are a system of "checks-and-balances," designed to ensure an objective, impartial, and credible valuation.

choosing instead to donate all or part of the prop-erty interest needed for the project. Donations are If, for some reason, you do not wish to have your is available. property appraised, another option is available. Property owners may waive the right to an appraisal, a common practice when the acquisition is small in size and the value is minimal

NEGOTIATION

All real estate transactions are the result of discussions between two parties. These discussions are called negotiations and are essential in reaching an agreement satisfactory to both parties

An acquisition agent, representing NDDOT or the political subdivision, will meet with you to give you a firm offer, in writing, for the necessary right of way.

in every possible way as to the process of selling

The agent's primary duty is to advise and assist you

It is the agent's obligation to be knowledgeable about the highway or street system and real estate your property to NDDOT or the political subdivision.

- Can answer many of the questions you may ask about the effect of the proposed improvement on transactions. The agent:
- liens, taxes, legal documents, and many other top-Can answer most questions about mortgages. your property.
- Will have all the necessary documents, and will be 8
 - willing to explain them to you.
- Can help you arrange a release of a mortgage or lien if necessary.
- Must inform you of your rights in eminent domain and, when applicable, your reimbursement rights for moving personal property as well as your pos-sible eligibility for the Relocation Assistance Program.
- A voucher copy of the transaction will be provided when you receive payment.

some property owners do not care to sell, and at times there will be some inconvenience connected with the sale. It is intended, however, that when ne-gotiations are complete, you can say that you have VDDOT and the political subdivision recognize that been treated courteously and fairly.

ALTERNATIVE TO SETTLEMENT

visions, as well as certain utility companies, have the right to take private property for the benefit of When, for some reason, the necessary right of way cannot be acquired by a negotiated settlement, the representatives of NDDOT or the political subdivision have the right to take the needed right of way through the laws of eminent domain. These are laws under which NDDOT and nearly all political subdithe public. These laws also protect the rights of the

property owner by requiring that fair market value paid for all property acquired.

tion," is undertaken in North Dakota in accorda with pertinent statutes under Article 1, Section 16 This action, more commonly known as "condem the North Dakota Constitution. It is used only wi necessary.

have the right to immediate possession of the c demned property, depending on their specific ct ters, bylaws, etc. posit must be a reasonable offer for the dama incurred. NDDOT and the political subdivision r When condemnation becomes necessary, NDC or the political subdivision place a monetary posit with the clerk of court of your county. This

of the action and the amount deposited. At this p the property owners may either accept the offer a withdraw the total amount deposited or file an peal with the district court for determination of di ages. This appeal must be filed within 30 days a The property owner is notified by the clerk of co receiving the notice from the clerk of court. Propr owners who withdraw the deposited payment may appeal, as may others with an interest in property. Although it is not legally required as part of emin domain proceedings, NDDOT or the political sul vision also sends a notice to each party having ar terest in the property. This informs the property or er of the action and advises that when condemna is undertaken; all improvements including buildir fences, dams, wells, etc., on the condemned r of way become the property of the state, county written approval from NDDOT or the political sul The improvements cannot be removed with city.

RELOCATION ASSISTANCE

vision.

required to move or relocate their family or busin as a result of the taking of right of way for high Under state and federal laws, all persons who

compensations. These are explained in detail in an-other brochure given to all persons forced to relo-cate. In most cases, an agent from NDDOT will help or street purposes are entitled to certain rights and with the relocation assistance process

CONTRACTS LET (BID)

tive bids. Public bid lettings, at which contractors are invited to offer bids, are held periodically. Results of these bids are then considered and contracts are awarded to the lowest bidder capable of handling Nearly all construction projects are let to competieach project. All right of way must be acquired or condemned before construction contracts are advertised for bids.

FREQUENTLY ASKED QUESTIONS

When can I expect payment?

ed by mortgages, judgements, liens, etc., will prob-ably take somewhat longer. Generally, payment for right of way can be expected within 30 days following transfer of title. Titles cloud-

What about the mortgage on my property?

mortgaged property is usually made to the owner and the mortgagee jointly, and arrangements for di-vision of the payment must be worked out between Representatives from NDDOT and the political subees for release of mortgaged property. Payment for division generally make arrangements with mortgagthem.

What about my buildings?

subdivision offers to purchase the buildings outright along with the land, in which case the buildings are ally given a choice of plans for consideration in ne-gotiated settlements. First, NDDOT or the political ater sold at public auction or by sealed bids. Second, the property owner may choose to retain the improvements at a predetermined salvage value. Owners of right of way involving buildings are gener-

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The salvage value will be deducted from the overall purchase price. Third, consideration will be given to payment for the cost of moving the buildings.

sponsibility to make sure, in all transactions involv-ing the moving of buildings, that the cost to move the buildings does not exceed the value of the build-ings in place. This would be an unwise expenditure NDDOT and the political subdivisions have the reof public funds.

date of acquisition will be allowed.

Additional comments and answers to relocation questions most often asked are covered in the relocation brochure.

poses is considered by the Internal Revenue Service (IRS) as an "involuntary conversion." It is not neces-sary to pay income tax or capital tax if the money you receive is similarly reinvested within a given time. You should, however, check with the IRS or a local tax consultant for answers to your questions.

The acquisition agent who contacts you to purchase your property can usually provide any information requested, or will find it and report back to you.

How soon will I have to move?

Every effort will be made to give occupants enough time to relocate. Ordinarily at least 90 days from the

Must I pay income tax on the money received?

The sale of your property for highway or street pur-

Where can I get additional information?

FOR MORE INFORMATION ON: **County and City Projects**

Contact the local public agency or municipality in

which the project is located

You may also contact:

 NDDOT, Local Government Division Office

State Highway Projects

State Highway Projects

Right of Way and Relocation Assistance issues NDDOT. ETS Division

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Reasonable Accommodations

701-328-2978 NDDOT, Civil Rights Division Email Office

The NDDOT will consider every request for reason-. civilrights@nd.com TTY

able accommodation to provide:

· An accessible meeting facility or other accommodation for people with disabilities.

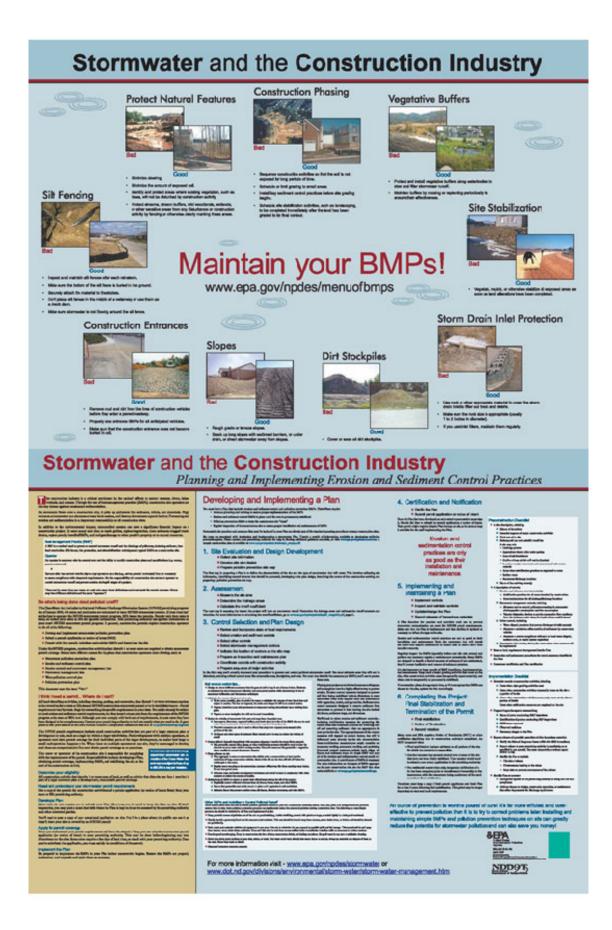
· Language interpretation for people with limited English proficiency (LEP). Translations of written material necessary to access NDDOT programs and information

To request accommodations, contact

North Dakota Department of Transportation **Civil Rights Division**

701-328-2978 or <u>civilrights@nd.gov</u> TTY users may use Relay North Dakota at 711 or 1-800-366-6888.

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Public Input Meeting

April 20, 2023

I-94 and Sunset Drive Interchange, Exit 152 **Preliminary Engineering and Feasibility Study City of Mandan** 1-094(231)152 **PCN 23594**



Mead & lunt

Welcome!

The purpose of the Public Input Meeting is to receive public input and comments on a preliminary engineering and feasibility study of the I-94 Interchange at Sunset Drive (Exit 152). The study will develop and evaluate plausible reconstruction alternatives for the interchange.

This meeting is an information gathering meeting that is an open forum. It is an opportunity for you to communicate to project design staff information and ideas that may be beneficial to the designers as they work through the design process to improve this interchange. Emailed and written comments are encouraged. If you have thoughts on travel through the existing interchange or are aware of historic buildings, septic systems, drain tiles, underground sprinklers, drainage problems, or other specific information such as safety concerns or thoughts on pedestrian and bicycle accommodations along the corridor, please share this with design staff.

Why is the Project Needed?

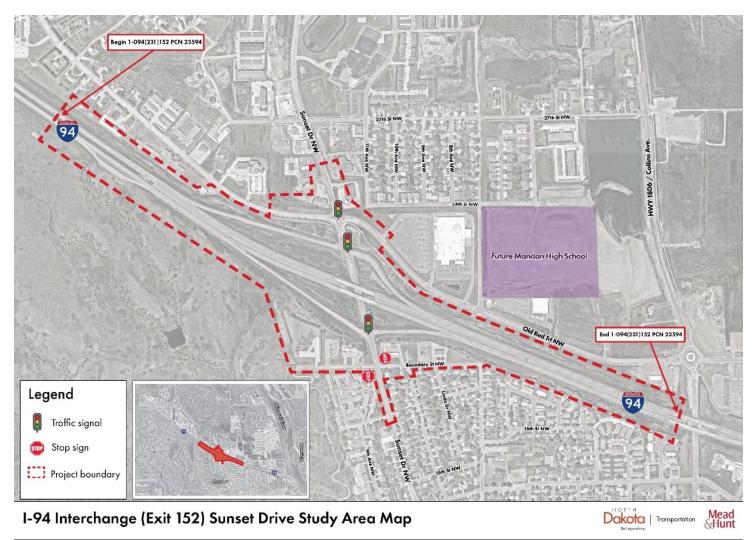
The project will evaluate the operational and geometric deficiencies of the current interchange and develop improvement alternatives and modifications to the I-94 and Sunset Drive interchange (Exit 152).

Project alternatives will also address the following:

- Increased traffic due to new developments in the area has caused roadway system inadequacies for proposed future land use and accelerated pavement deterioration.
- Skewed on and off ramps have inadequate sight distance for vehicles.
- Existing vertical clearance beneath Interstate 94 is greater than 2 feet lower than NDDOT design standards. This has resulted in bridge hits, resulting in safety concerns, traffic delays and the need for emergency repairs.

What are the Project Limits?

The study limits for the project are shown below. The limits along Interstate 94 begin at MP 151.5 (Scenic Overlook along eastbound I-94) to MP 153.0 (near Collins Avenue), Sunset Drive from 500 feet north of Old Red Trail to 500 feet south of Boundary Street NW, Old Red Trail from 500 feet west of Sunset Drive to 500 feet east of Sunset Drive, and Boundary Street NW from 500 feet west of Sunset Drive to 500 feet east of Sunset Drive Drive to 500 feet east of Sunset Drive to 500 feet east of Sunset Drive begin at MP 151.5 (Scenic Drive).



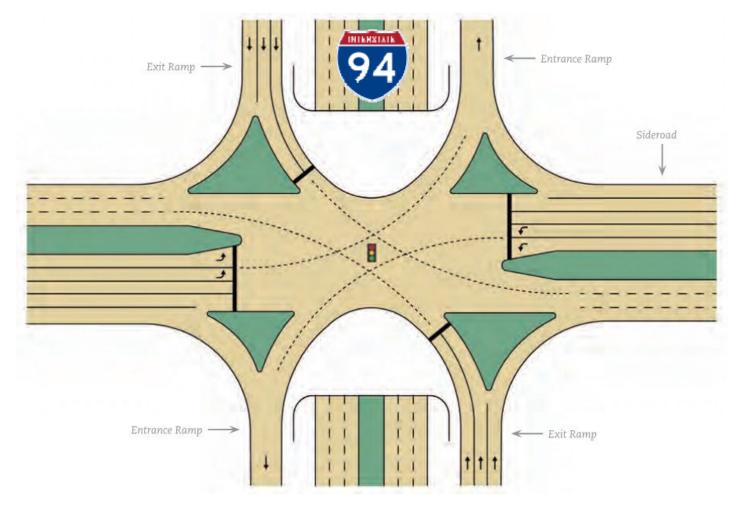
What types of interchanges are the project team evaluating?

The following pages contain representative examples of four interchange options being evaluated for the Sunset Drive Interchange along with the benefits they provide to improve operations and safety.

See the interchange alternative exhibits for detailed layouts of each interchange type at Interstate 94 and Sunset Drive and the preliminary impacts associated with each alternative.

Alternative #1 – Single Point Urban Interchange (SPUI)

A single-point urban interchange (SPUI) is a modification of the traditional diamond interchange that is inplace at Sunset Drive today. The SPUI has the advantage of allowing opposing left turns to proceed simultaneously by compressing the two intersections of a diamond into a single intersection under the freeway. The term "single point" refers to the fact that all through traffic on the surface street, as well as the traffic turning left onto or off the freeway, can be controlled from a single set of traffic signals. Due to the space efficiency of SPUIs relative to the volume of traffic they can handle, the interchange design is used extensively when reconstructing existing freeways in urban environments.



- *Improved safety:* With only one signalized intersection rather than two at a conventional diamond interchange, vehicles only cross paths at one location.
- **Increased efficiency:** Main intersection operates with three traffic signal phases rather than four phases in a conventional diamond interchange, which reduces overall interchange delay.
- Fewer traffic signals: A single signalized intersection, rather than two intersections at a conventional diamond interchange, improves travel times along Sunset Drive.

Alternative #2 – Partial Cloverleaf Interchange (Parclo)

A Partial Cloverleaf Diamond Interchange has fewer than four loop ramps, making it part cloverleaf and part diamond. Loop ramps connect drivers from the sideroad to the freeway or vice versa. In addition to increased capacity, the loop ramp eliminates one left turn on the sideroad at the eastbound ramps. Loop ramps can also be used in lieu of a diagonal ramp to minimize impacts in any one quadrant of the interchange.



- **Increased efficiency:** Provides for improved operations on the crossroad by eliminating the left turn onto the freeway entrance ramp for eastbound movement.
- **Easier access to freeway:** Design allows southbound traffic on Sunset Drive to enter the freeway without crossing opposing lanes of traffic.
- **Cost effective:** A Parclo can have a narrower cross section and may be more cost effective than a retrofit or new interchange construction.

Alternative #3 – Diverging Diamond Interchange (DDI)

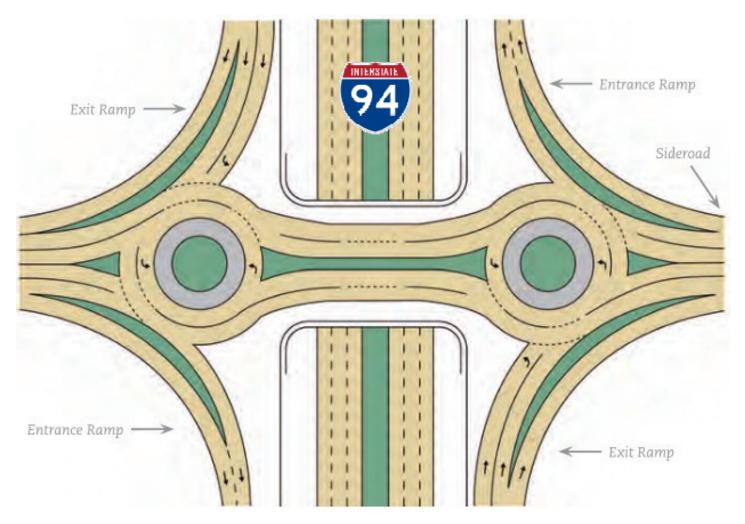
A Diverging Diamond Interchange (DDI), sometimes called a "double crossover diamond", is a new type of interchange that connects a freeway with a major highway. The DDI is based on a standard diamond interchange with a shift in the highway thru traffic within the interchange to safely and efficiently accommodate high volume left turn movements. Within the interchange, traffic on the highway briefly drives on the left side of the road to allow left turn movements to occur without crossing oncoming traffic or stopping. A DDI has fewer conflict points than a standard diamond interchange, reducing the opportunities for crashes, and there is greater capacity for vehicles at the interchange.



- Improved safety: Reduces the number of points where vehicles may cross paths.
- **Increased efficiency:** Crossovers can operate with only two traffic signal phases, which allows the interchange to handle a greater volume of traffic and operate with fewer delays.
- **Easier access to freeway:** Design allows traffic from Sunset Drive to enter and exit the freeway without crossing opposing lanes of traffic for all ramp movements.
- **Cost effective:** Since there are no left-turn lanes on Sunset Drive, a DDI can have a narrower cross section and may be more cost effective.

Alternative #4 – Diamond Interchange with Roundabouts

A diamond interchange includes four ramps, two exiting and two entering the free-flow highway. Diamond interchange designs are very economical compared to other options because they require less land and materials.



- **Improved safety:** Reduces the number of points where vehicles can cross paths and eliminates the potential for right-angle and head-on crashes.
- **Increased efficiency:** Decreases the delay for ramp traffic and eliminates signal coordination between the two ramp terminals.
- **Continuous flow:** Yield-controlled design minimizes backups on the freeway, reducing the potential for high-speed, rear-end crashes.
- **Cost effective:** Allows for a narrower bridge as it eliminates at least two turning lanes.

Intersection Improvements

The use of roundabouts or signalized intersections are being considered at the following locations:

- Sunset Drive at Old Red Trail
- Sunset Drive at Boundary Street

Will there be Right of Way Needs for the project?

Right of way acquisition and temporary grading easements may be required for the project and the needs vary among the project alternatives. The project team will continue working diligently on the alternatives design and project impacts with the goal to minimizing permanent right-of-way acquisitions from adjacent properties.

What is the Tentative Project Schedule?



We want to hear from you!

We encourage you to talk to our project staff, view exhibits and discuss the proposed improvements. If you have questions or comments about the project, please use the contact information listed below. For written comments, please use the comment form online or email your comments to us by **May 5, 2023** to:

Mead & Hunt, Inc.		Email comments with the subject line
Attn: Chris Rossmiller	OR	"Public Input Meeting" to:
600 South Second Street, Suite 120	ÖN	c.rossmiller@meadhunt.com
Bismarck, ND 58504		

Thank you for attending the public information meeting regarding the proposed improvements to the Sunset Drive Interchange.

A virtual presentation and exhibits of each alternative are available on the project website: www.dot.nd.gov/projects/bismarck/exit152/

Addition links to meeting forms:

Sign-in Form



Title VI Participation Survey



Comment Form



Page 7 of 7

Comments about this project	
nust be mailed by	Comment(s):
/lay 5, 2023	
o:	
Aead & Hunt, Inc. Attn: Chris Rossmiller 00 South Second Street Juite 120	
ismarck, ND 58504	
Dr email comments with the ubject line "Public Input Aeeting" to:	
.rossmiller@meadhunt.com	
lame	
epresenting	
ddress	
hone	Please provide your contact information to receive future information about the project
	- Name.

COMMENT CARD SUNSET DRIVE INTERCHANGE STUDY

Email

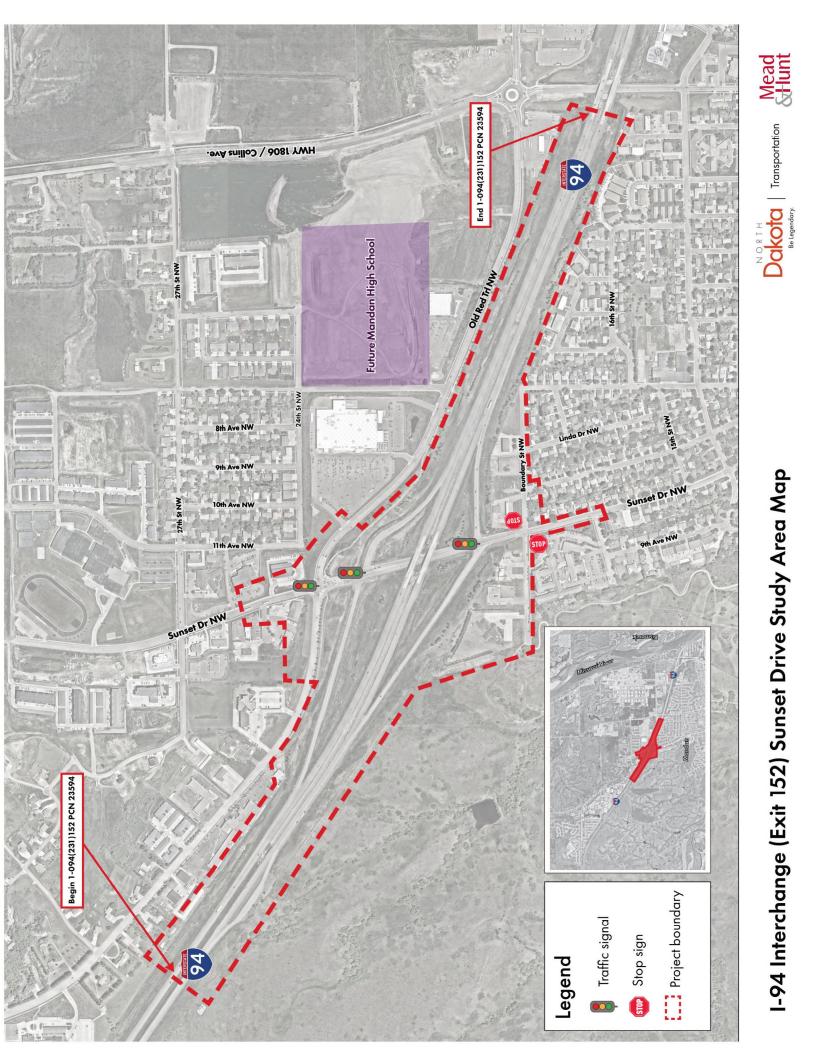
Email Address:



Transportation



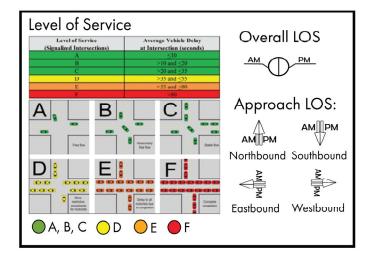
Appendix C Exhibits Presented



I-94 Interchange (Exit 152) Sunset Drive LOS Traffic Maps









Level of Service - Existing



Level of Service - 2030 No Build



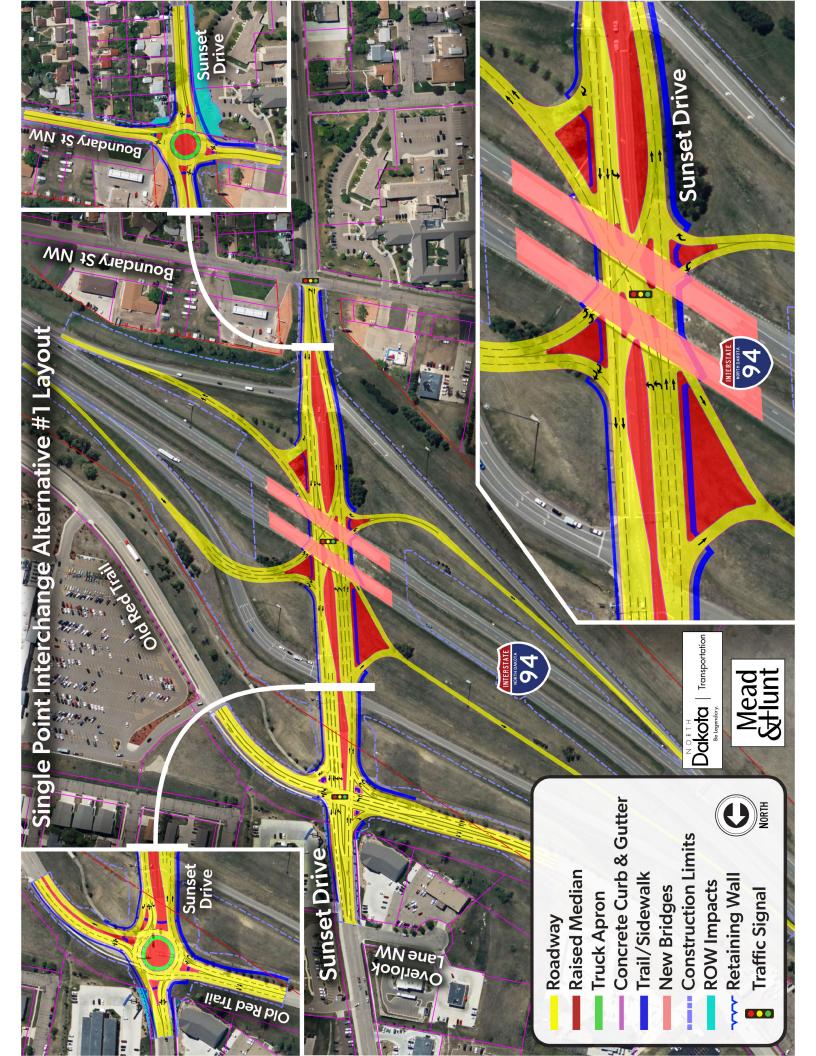
Level of Service - 2045 No Build

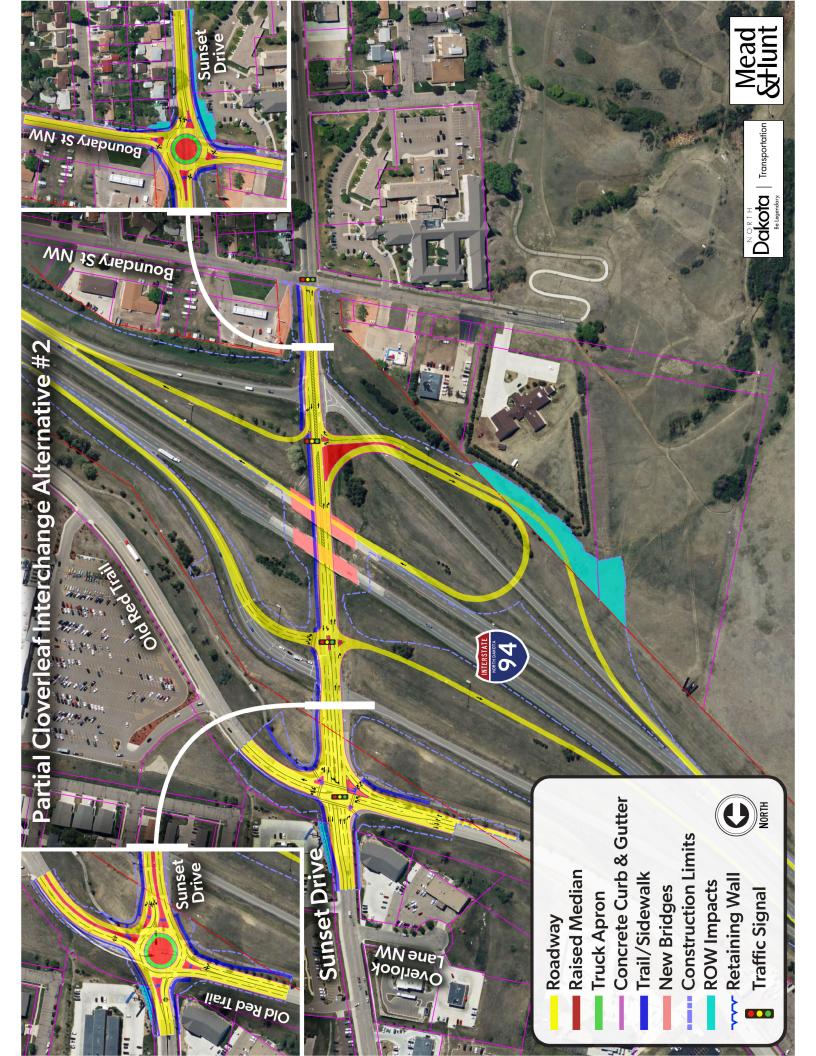


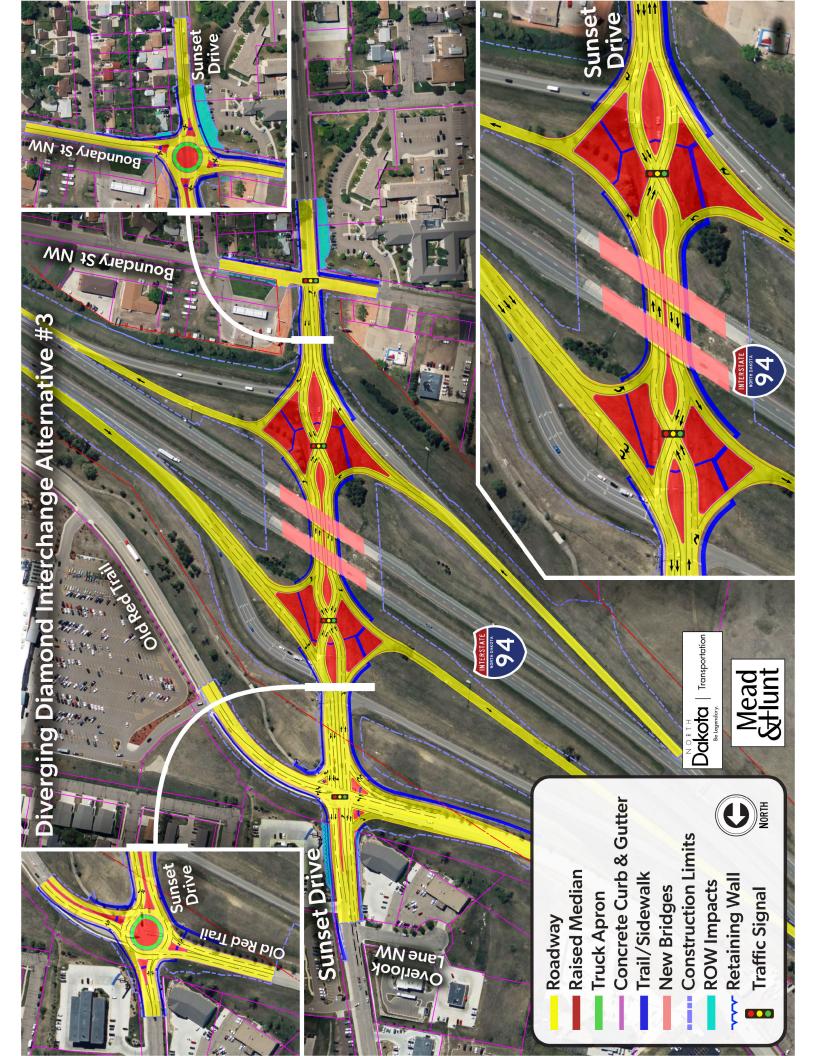
Level of Service - 2030 Alternatives

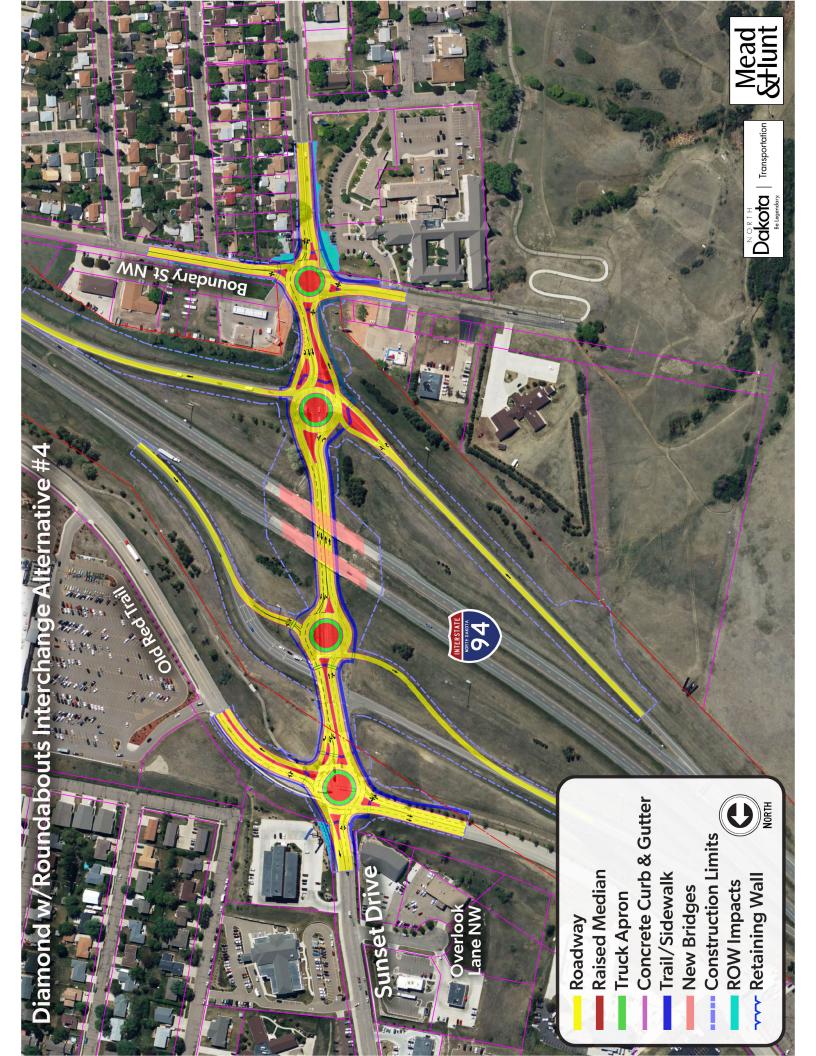


Level of Service - 2045 Alternatives





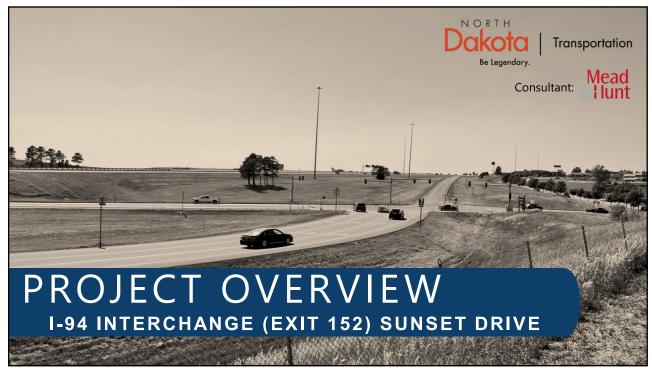


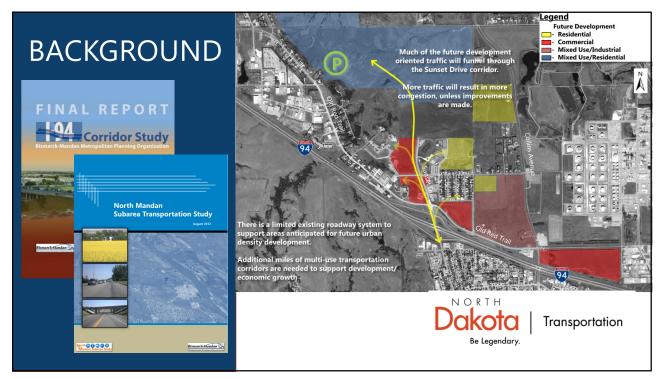


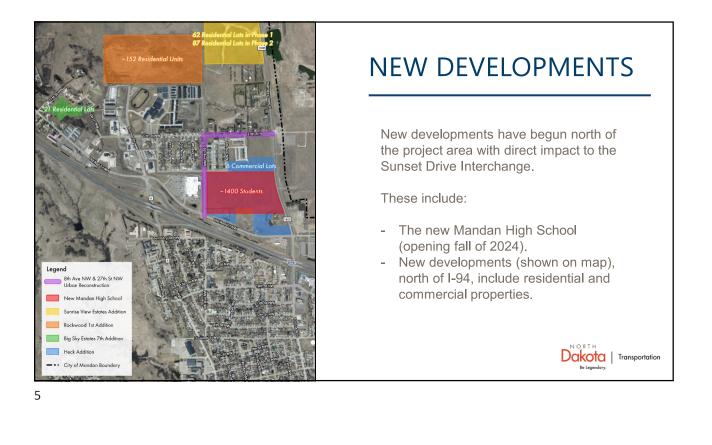
Appendix D Presentation Slides











WHAT IS THE EXIT 152 PROJECT?

The project purpose is to develop an alternative interchange design that meets future travel demand and provides safe, efficient multimodal traffic operations with minimal impacts to right-of-way, environmental features and at a reasonable cost

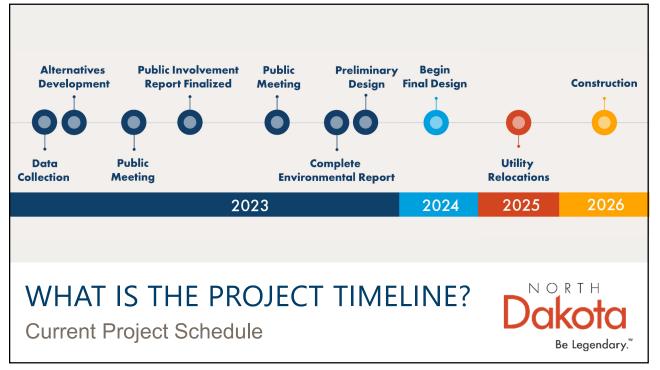
WHY IS THE PROJECT NEEDED?

- Interchange configuration and design will not be able to meet future traffic demand without unacceptable delays.
- Accelerated pavement deterioration associated with additional traffic.
- Skewed on and off ramps have inadequate sight distance for vehicles.
- Existing vertical clearance is greater than 2 feet lower than NDDOT design standards require. This has caused multiple bridge hits, resulting in safety concerns, traffic delays and the need for emergency repairs.



Transportation

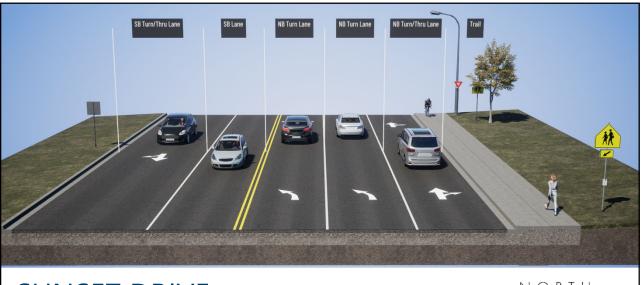






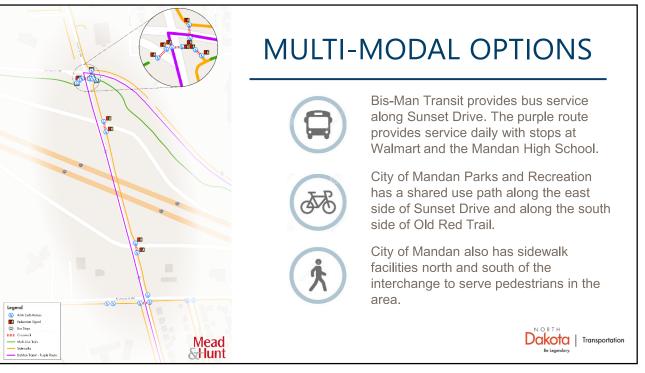




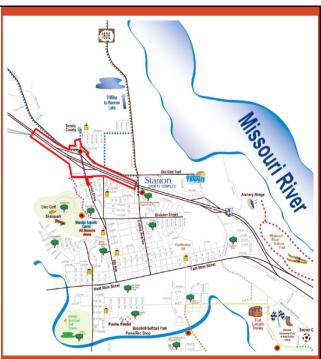


SUNSET DRIVE Existing Roadway Section between Interstate 94 WB ramps and Old Red Trail





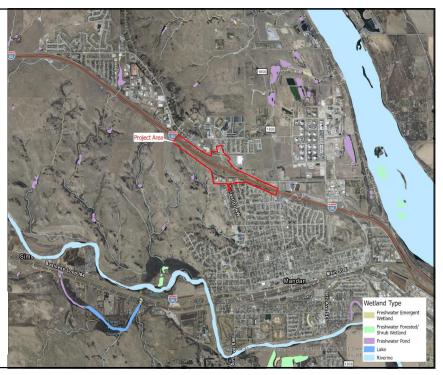
EXISTING EXECUTES Adjacent land use is developing as residential and commercial Sunset Park Walking Trail Environmental Justice Cultural Resources Old Red Trail - Section One Biological Resources

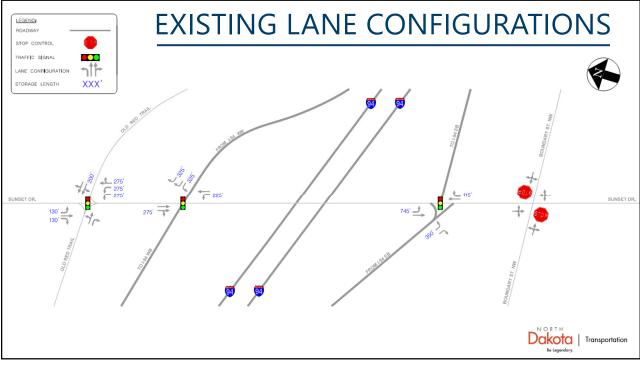


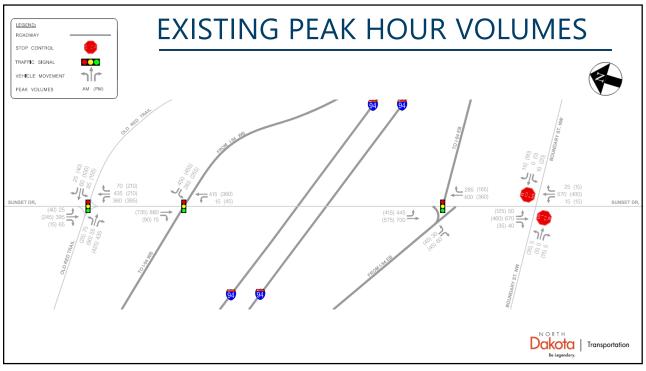
AQUATIC RESOURCES

- Wetlands are located near, but not in the project area.
- The Missouri River is located east of the project area.
- There are no FEMA floodplains located in the project study area.

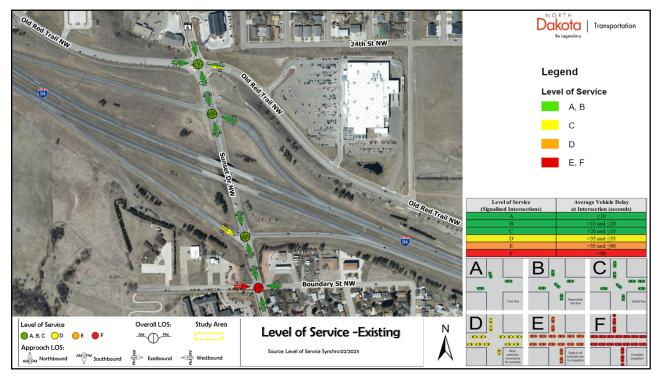


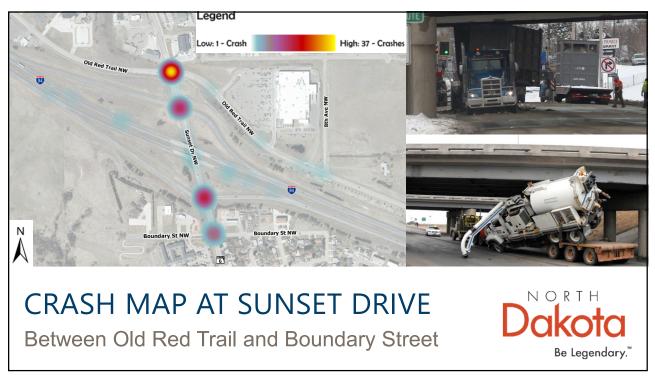




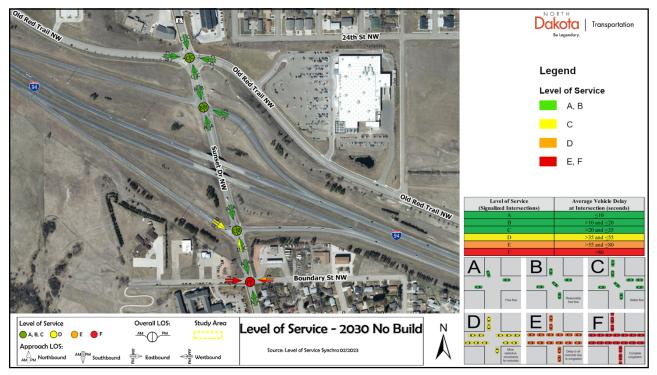


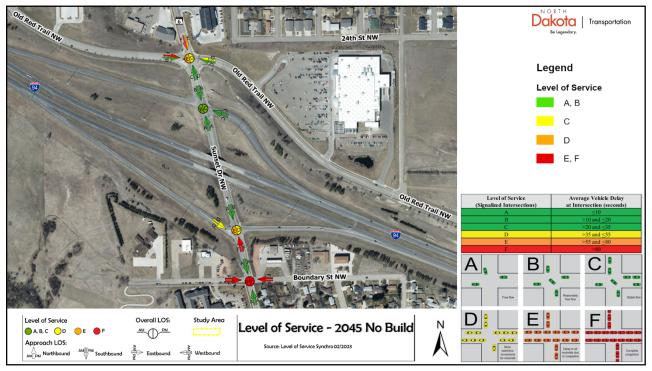


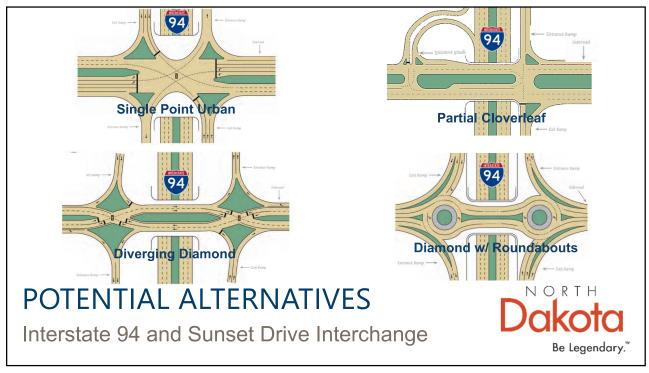




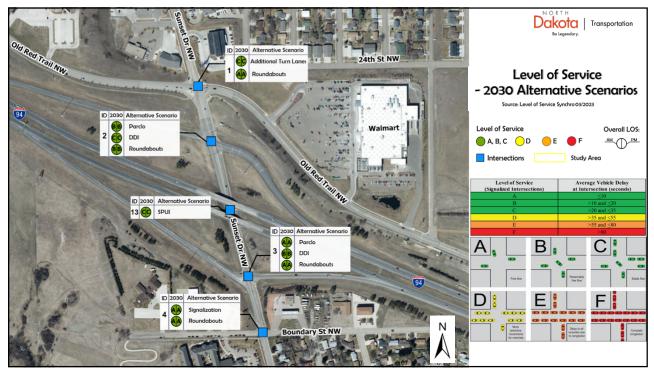


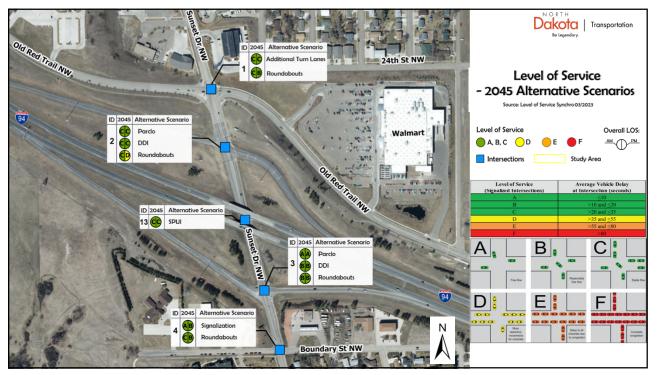






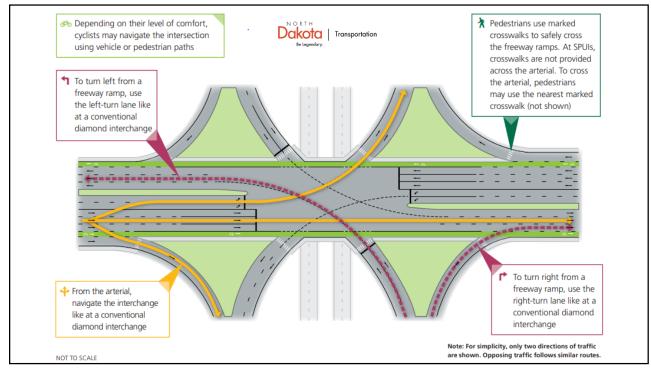








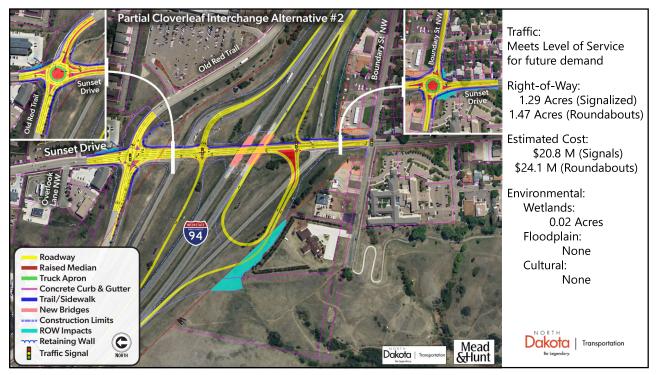














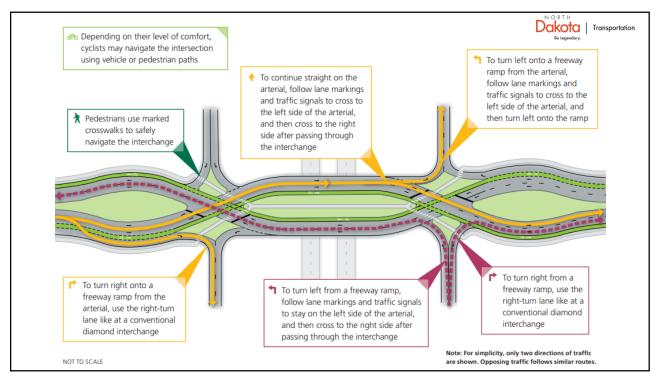
Proposed Roadway Section Beneath the Interstate 94 overpass

34

KOT

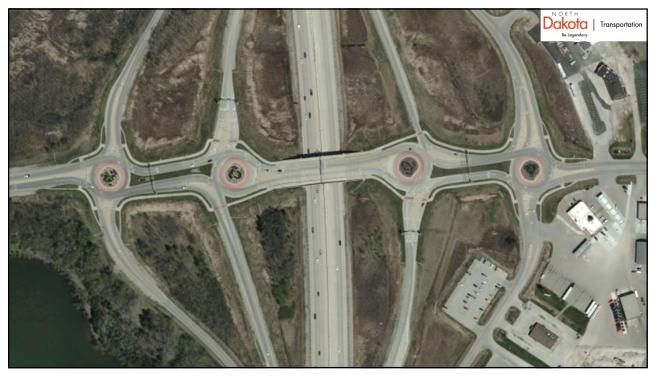
Be Legendary."

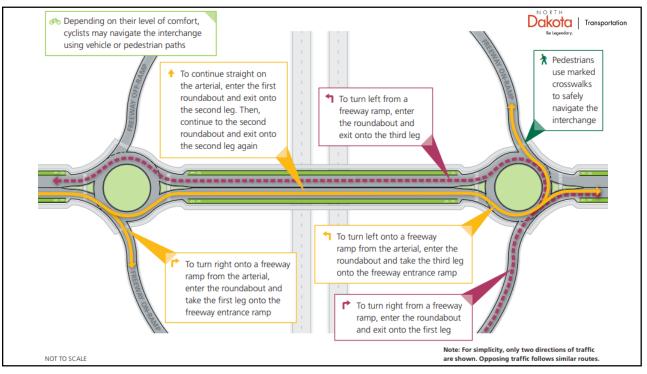
















SUNSET DRIVE – ALTERNATIVE #4 Proposed Roadway Section Beneath the Interstate 94 overpass

kota

Be Legendary."

Interchange Alternative	Right – of – Way	Wetland Impacts	Approximate Costs	Traffic Operations			
Single Point Urban (SPUI)	Signals - 0.06 Acres Roundabouts - 0.68 Acres	Signals - 0.06 Acres Roundabouts - 0.06 Acres	\$21.9 M (Signals) \$24.4 M (Roundabouts)	*			
Diverging Diamond (DDI)	Signals - 1.29 Acres Roundabouts - 1.47 Acres	Signals - 0.02 Acres Roundabouts - 0.02 Acres	\$26.1 M (Signals) \$26.4 M (Roundabouts)	*			
Partial Cloverleaf	Signals - 0.40 Acres Roundabouts - 0.39 Acres	Signals - 0.07 Acres Roundabouts - 0.06 Acres	\$20.8 M (Signals) \$24.1 M (Roundabouts)	*			
Diamond w/Roundabouts	0.45 Acres	0.03 Acres	\$23.9 Million	*			
ALTERNATIVE COMPARISON							

NEXT STEPS

- Review of public input, refinement of alternatives, and completion of preliminary engineering feasibility study to determine alternatives for the proposed project.
- Complete ranking of alternatives and selection of a preferred alternative.
- 2nd Public Input Meeting to present rankings and preferred alternative.
- An environmental document will be prepared to further evaluate preferred alternatives.







Appendix E Roster

North Dakota Department of Transportation, Civil Rights		P	age _/ of	
SFN 59531 (5-2018)	Division/District/Consultant			
	UNT			
Meeting Location	Meeting Type		Meeting Date	
MANDAN MIDDLE SCHOOL	PUBLIC INPUT MEETING		04-20-2023	
Project Number	•		PCN	
IM-1-094(231)152			23594	
Project Description			· · · · · · · · · · · · · · · · · · ·	
INTERSTATE 94 AND SUNSET DRIVE INTERCHANGE F	EASIBILITY AND PRELIMINARY	ENGINE	ERING	
Name (Please print)	Title/Representing			
Amy Denz	Enviro Leader /M	OOVe F	ngineering	
Address	City,	State	ZIR-Code	
925 104 Ave E.	West Fares	ND	58078	
Email Address	8	Telephone		
any denze moore engineeringing	Com	320-9	79-0274	
Napre (Please print)	Title/Representing			
Rayla Samardaic	NDDOT			
Address	City	State	ZIP Code	
124 Cherry Lu.	CHYBismarck	ND	58503	
Email Address J		Telephone	Number	
Name (Please print)	Title/Representing			
Jordan King	Education			
Address	City	State	ZIP Code	
2421 Coolidge Ave	Bisnarck	ND	58501	
Email Address	· · · · · ·	Telephone		
Name (Blasse adet) / * 1				
Name (Please print) JIM Neubane	Little/Representing	TH &	Mandan	
j		State		
Address 205 2Nd Ave NW	Mandan	ND	58554	
	1 101-4 1 1-0	Telephone		
Email Address JNalballav Cityofmanch . cum		701-	447-3210	
•				
Name (Please print) Melanie Schwab	Title/Representing			
IVULUNIE SUNWUB				
Address	City Mandan	State	ZIP Code	
Renall Address	prariaan	ND	58554	
Email Address		Telephone		
	· · · ·	101-4	25-6181	
Name (Please print)	Title/Representing			
Saruh Brudford	Cititen			
Address	City	State	ZIP Code	
701 16th Ave NW	Mandan	ND	58554	
Email Address		Telephone		
L		701-	471-981)	
Name (Please print)	Title/Representing			
Curt Johnson				
Address	City no 1	State	ZIP Code	
Name (Please print) Curt Johnson Address Z113 11th Ave SE	Mondan	NP	ZIP Code	
Email Address		Telephone	Number	

North Dakota Department of Transportation, Civil Rights SFN 59531 (5-2018)

Page ____ of ____

SFN 59531 (5-2018)	Division/District/Consultant 20 DESIGN / 61 BISMARCK / I		
Meeting Location	Meeting Type		Meeting Date
MANDAN MIDDLE SCHOOL	PUBLIC INPUT MEETING		04-20-2023
Project Number IM-1-094(231)152			PCN 23594
Project Description INTERSTATE 94 AND SUNSET DRIVE INTERCHANGE FI	EASIBILITY AND PRELIMINARY		· · · · · · · · · · · · · · · · · · ·
Name (Please print) KIM RIEPI	Title/Representing		
Address NOM. St.	City	State ND	ZIP Code 5850 /
Email Address Kriepie bismorcend Qov	<u>-</u>		Number 355 1844
Name (Please print)	Title/Representing		
Address 545 Marilyn Dr.	City Mandan	State	ZIP Code
Email Address		Telephone	Number
Name (Please print) Delli Lah Johnson	Title/Representing		
Address 2113 114 Ave SE	City Mandan	State ND	ZIP Code 58554
Email Address		Telephone	Number
5)			•••
Name (Please print) Tim HELBUNG	Title/Representing	NACI	
Address	City	State	ZIP Code
Email Address		Telephone	Number
Name (Please print) Steve Jorner	Title/Representing		
Address	City Mandon	State MO	ZIP Code 58554
Email Address		Telephone	Number
Name (Please print) KEN GIESER	Title/Representing		
Address	City MANDAN	State	ZIP Code 57554
Email Address Oldgzr@bisimidco. Net	· · · · · · · · · · · · · · · · · · ·	Telephone	
Name (Please print) Notch 5272	Title/Representing	Public	hones
Address	City	State	ZIP Code
Email Address NGITE @ city of mend-n. Con	· · · · · · · · · · · · · · · · · · ·	Telephone	Number

North Dakota Department of Transportation, Civil Rights SFN 59531 (5-2018)

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SFN 59531 (5-2018)	Division/District/Consultant 20 DESIGN / 61 BISMARCK / MEAD & HUNT					
		MEAD & H				
Meeting Location MANDAN MIDDLE SCHOOL	Meeting Type PUBLIC INPUT MEETING		Meeting Date 04-20-2023			
Project Number IM-1-094(231)152	·		PCN 23594			
	·		23394			
Project Description INTERSTATE 94 AND SUNSET DRIVE INTERCHANGE FEASIBILITY AND PRELIMINARY ENGINEERING						
Name (Please print)	Title/Benmageting					
MIGUEL ANDKEWK	Title/Representing -TRANSPORTA	TON EN	GINGER/NODOT			
Address Lore E, BOULRUARD AVE	City Elsmarck	State	ZIP Code 5350 F			
Email Address meand rews and grunt		Telephone Number フロィーモンダー4796				
Name (Please print)	Title/Representing					
Address	City	State	ZIP Code			
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	Title/Representing					
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Email Address		Telephone	Number			

North Dakota Department of Transportation, Civil Rights SFN 59531 (5-2018)

Page <u>4</u> of _	
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SFN 59531 (5-2018)	Division/District/Consultant		
	20 DESIGN / 61 BISMARCK /	MEAD & H	
Meeting Location MANDAN MIDDLE SCHOOL	Meeting Type PUBLIC INPUT MEETING		Meeting Date 04-20-2023
Project Number			PCN
IM-1-094(231)152			23594
Project Description INTERSTATE 94 AND SUNSET DRIVE INTERCHANGE F	EASIBILITY AND PRELIMINAR)	ENGINE	ERING
Name (Please print)	Title/Representing		
Jarek Wigness	Assistant City Eug.	Manda	n
Address U 1025 Chippewa Ave NE	City Mandan	State ND	ZIP Code 58554
jarek. wyness @ city ofmandan.com		Telephone	Number
Name (Please print) BLAINE ENGLISTED	Title/Representing		
Address 5305 Highland PANW	City Mandan	State 0	ZIP Code
Email Address brengelstad @ Live co	ON	Telephone	Number 3654
Name (Please print),	Title/Representing		
Address 3 mile 2 # 305	city mankan	State	ZIP Code 58554
Email Address		Telephone	Number (
Name (Please print) Dennis RoHR	Title/Representing	DAN	
Address 2933 39th Are SE	City MANDAN	State ND	ZIP Code 58558
Email Address Orohr O- CITYOF MANDAN.C	om	Telephone	Number 72
Name (Please print)	Title/Representing	•	
	1120110p10201101g		
Address	City	State	ZIP Code
Email Address		Telephone	Number
Name (Please print)	Title/Representing		
Address	City	State	
Email Address	<u>. </u>	Telephone	Number
		•	
Name (Please print)	Title/Representing		
Address	City	State	ZIP Code
Email Address		Telephone	Number

Date	Name	Title/Representing	Address	Email	Phone	
	Candace Gosney	Mead & Hunt	2440 Deming Way, Middleton, Wisconsin 53562	candace.gosney@meadhunt.com		6143540624
	4/17/2023 20:51 Jackson Hurst	self	4216 Cornell Crossing, Kennesaw, Georgia 30144	ghostlightmater@yahoo.com		6786284232
	4/18/2023 21:37 Mark Gaydos	Mark Gaydos	5240 Meadowcrest Road, Bismarck ND 58503	marksgaydos@midco.net	701-214-0777	
	4/23/2023 3:15 paul hefner		508 3rd ave se Mandan ND 54554	esc.ur.thoughts@gmail.com		7013210872
	5/1/2023 17:31 Joel Winckler		200 2nd Street NW Mandan, ND 58554	nodakjoel@gmail.com		7012699960
	5/2/2023 1:29 Dean Stolz	Resident of over 40 years	1901 9 Ave SE, Mandan, ND, 58554	luckypopeye@bis.midco.net	701-471-7840	
	5/2/2023 16:56 Natasha Peterson	Resident	2801 46th Ave SE Mandan, ND 58554	natpete77@gmail.com		7014260501

Appendix F Comments and Responses

Dakota Transportation

COMMENT CARD

SUNSET DRIVE INTERCHANGE STUDY

Comments about this project must be mailed by

May 5, 2023

to:

Mead & Hunt, Inc. Attn: Chris Rossmiller 600 South Second Street Suite 120 Bismarck, ND 58504

Or email comments with the subject line "Public Input Meeting" to: c.rossmiller@meadhunt.com

Name

Representing

Address

Phone

Email

Comment(s): er alternate 11 roice is alternate oundabou on DAD

Please provide your contact information to receive future information about the project:

Name:

Email Address:

IM-1-094(231)152, PCN 23594

COMMENT CARD

SUNSET DRIVE INTERCHANGE STUDY

Comments about this project must be mailed by

May 5, 2023

to:

Mead & Hunt, Inc. Attn: Chris Rossmiller 600 South Second Street Suite 120 Bismarck, ND 58504

Or email comments with the subject line "Public Input Meeting" to. c.rossmiller@meadhunt.com

Name

Representing

Address

Phone

Please provide your contact information to receive future information about the project: Sarah Bradtorn Name:

Email

Email Address: duck Yape sarah @ yahoo. 10m

IM-1-094(231)152, PCN 23594

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Dakota | Transportation



SUNSET DRIVE INTERCHANGE STUDY

Comments about this project must be mailed by

May 5, 2023

to:

Mead & Hunt, Inc Attn: Chris Rossmiller 600 South Second Street Suite 120 Bismarck, ND 58504

Or email comments with the subject line "Public Input Meeting" to c.rossmiller@meadhunt.com

Name

Representing

Address

Phone

Name:

Email Address: _

Comment(s): Have people that speak even, questions - Use microphone, so everyone Can max.

Dakota

Transportation

Please provide your contact information to receive future information about the project:

......

Email

IM-1-094(231)152, PCN 23594

Dakota

Transportation

COMMENT CARD

SUNSET DRIVE INTERCHANGE STUDY

Comments about this project must be mailed by

May 5, 2023

to:

Mead & Hunt, Inc. Attn: Chris Rossmiller 600 South Second Street Suite 120 Bismarck, ND 58504

Or email comments with the subject line "Public Input Meeting" to c.rossmiller@meadhunt.com

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Address

Phone

Name: ____

Email Address:

IM-1-094(231)152, PCN 23594

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Email

Date Name	Address	Phone	Email	Comment
Candace Gosney	2408 Chatten Drive, Quincy, IL 62305	614-354-0624	candace.gosney@meadhunt.com	This is a test and I have no comments.
4/12/2023 21:16 Eric Gaasland	1162 N 4th St Bismarck	307-349-9782	egaasland@yahoo.com	All the options for this are terrible. I would suggest looking at I-49 and E155th St exit 176 in Missouri or 38Degrees 50' 35.52" N 94 Degrees 31' 42.98 W according to Google Earth.
4/18/2023 12:07 Rob Knoll	1506 27th St NW Mandan	701-333-8248	knollappraisals@gmail.com	I am an owner of Bennigan's in Mandan. The year after we opened 5 years ago there was road construction between Bis/Mdn for almost 8 months. Our business barely made it through that. Now this. The thing you don't talk about in this presentation is timeline. That is so important and not sure why it is not addressed. Or access during construction. We might as well close now.
4/20/2023 1:19 Sara Pachl	3808 Amari Loop NW		sara.pachl@hotmail.com	Prefer the half clover and the round about at sunset and boundary, but really don't think a round about would go well at sunset and old red. Especially with the amount of semi trucks that go through there.
4/24/2023 17:43				Prefer alternative #1 SPUI interchange treatment for the interchange. A small roundabout may work nicely at Boundary St intersection. I will let an expert select the best treatment option for the Sunset and Old Red Trail intersection.
4/25/2023 20:23 Ellen Huber	2359 37th St, Mandan	701400624	9 eahuber@outlook.com	My preference for the options is as follows: 1) Single point 2) Partial cloverleaf 3) 4 roundabouts
				I find the diverging diamond to be too confusing. The alternative that I support for NDDOT's I-94 Interchange (Exit 152) Sunset Drive Project is Alternative 4: Diamond with Roundabouts
4/25/2023 23:54 Jackson Hurst	4216 Cornell Crossing, Kennesaw, Georgia 3014	4 678628423	2 ghostlightmater@yahoo.com	Interchange because this laterrative will improve safety and reduce the number of intersection conflict points at the following intersections: Sunset Drive/Old Red Trail and Sunset Drive/Boundary St NW.
5/1/2023 20:42 Joel Winckler	200 2nd Street NW, Mandan, ND 58554	701269996	i0 nodakjoel@gmail.com	I absolutely do not like alternative #4. The other three are okay. I like the idea of roundabouts at Old Red Trail and Boundary Street. Alternative #1 seems to make the most sense.
5/2/2023 0:12 Curtiss Kovash	909 St Thomas Trail Mandan, ND 58554	701-989-3062	CKOVASH4@BIS.MIDCO.NET	I prefer alternative #1 without any roundabouts. There are several students at the Mandan Middle School which waik this way to and from school. When you put the roundabouts in the picture some off them will try to take the shortest path which would be cutting arcoss the roundabout instead going around the edges.
5/2/2023 1:28 Dean Stolz	1901 9 Ave SE, Mandan, ND	701-471-7840	luckypopeye@bis.midco.net	Listed are the estimated costs for each signalized and roundabout scenarios. Do any of your estimates take into account the amount of costs to run the signalized scenarios compared to the roundabout scenarios? It is my feeling that the roundabout scenarios would be cheaper due to far less maintenance concerns with the signals and the cost of electricity to run them. In my opinion, alternative #4 makes more sense.
5/2/2023 16:56 Natasha Peterson	2801 46th Ave SE, Mandan, ND 58554	701426050	11 natpete77@gmail.com	Hello,
	2002 Tell Ave 34, Mandari, ND 30034	,01420030	- national Action	My choice for plans on this project would be the Single-Point option without the roundabouts. It keeps things simple and cost effective.
5/4/2023 17:37 Samantha Dobransky	3903 Amari Loop NW	701-870-1729	Samijo.927@gmail.com	The SPUI without roundabouts & the partial cloverleaf without roundabouts are the options I think will be best for the area. There will be a lot of new drivers on the road in this area & the less complicated the better in my opinion.

From: Sent: To: Subject: Todd Fuehrer <tdfuehrer@gmail.com> Tuesday, May 2, 2023 11:10 AM Chris R Exit 152 change

[You don't often get email from tdfuehrer@gmail.com. Learn why this is important at https://aka.ms/LearnAboutSenderIdentification]

Hello, Chris. I would like to give my support to the Diamond/Roundabout proposal. It would decrease maintenance on street lights. It would allow for better flow of traffic (especially during off peak hours).

Thank you for giving the public an opportunity to provide input. Todd Fuehrer 406 6th Ave NW Mandan, ND

From: Sent: To: Subject: oldgzr@bis.midco.net Wednesday, March 29, 2023 9:51 AM Chris R Exit 152

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It appears the Public Meeting has been re-scheduled to April 20. Thank You.

However, the video noted in the announcement does not seem to be available.

Ken Gieser Mandan



Virus-free.www.avg.com

From:
Sent:
To:
Subject:

sahuettl@bis.midco.net Thursday, May 4, 2023 9:22 PM Chris R Mandan project

You don't often get email from sahuettl@bis.midco.net. Learn why this is important

Thank you for allowing the feedback. We certainly would prefer the roundabouts. The maintenance would be much less along with installation and construction. Traffic lights and stop signs are not good alternatives, we have seen too many near accidents with these two types of traffic control. They do not slow down the traffic nor is there good traffic flow. The other alternatives are totally confusing on paper, can't imagine what it would be like to drive it. The roundabout on 1806 and Old Red Trail is amazing.

From: Sent: To: Cc: Subject: Attachments: Scott Staudinger <scotts@cloverdalefoods.com> Monday, April 3, 2023 11:30 AM Chris R T.J. Russell Mead & Hunt Project Manager MINNEAPOLIS MN 03-31-23 13h53.wav

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Chris, I received your phone call on the I-94 Interchange (Exit 152) Sunset Drive DOT project. Looking forward to work with you on this project.

SJS



Scott Staudinger - SHRM-SCP

Vice President of Government Affairs & Human Resources

Cloverdale Foods Company o: 701.663.9511 ×297 c: 701.590.4773 toll free: 800.669.9511 CloverdaleFoods.com

APPLY TODAY!



Chris Rossmiller, P.E. Mead & Hunt Project Manager 600 South Second Street, Suite 120 Bismarck, ND 58504 952-641-8832 c.rossmiller@meadhunt.com

Project: https://www.dot.nd.gov/projects/bismarck/exit152/

Company: https://meadhunt.com/

From: MINNEAPOLIS MN <<u>hostedsmtprelay@gmail.com</u>>
Sent: Friday, March 31, 2023 1:54 PM
To: Scott Staudinger <<u>scotts@cloverdalefoods.com</u>>
Subject: Voice Message from MINNEAPOLIS MN (1m 12s)

Voice Message Arrived on Friday, March 31 @ 1:53 PM Name: MINNEAPOLIS MN Number: 952-641-8832 Duration: 1m 12s

NEC SV9100 InMail

From:	oldgzr@bis.midco.net
Sent:	Sunday, April 23, 2023 9:22 PM
То:	Chris R
Cc:	tim.helbling@cityofmandan.com
Subject:	Public Input Meeting Exit 152

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Mr. Rossmiller – Thank You for the information provided at the meeting on Thursday, April 20. Comments were provided at the meeting and additional comments provided here.

- Goals of the project – As stated in the opening presentation are all related to I-94.

-No goals are related to Old Red Trail, Boundary Street, Sunset Drive or any other City of

Mandan street.

-THIS PROJECT IS BY AND FOR THE BENEFIT OF THE NORTH DAKOTA DEPARTMENT OF

TRANSPORTATION

-The designs add a turning lane, concrete dividers and a stop light to the intersections; or round-a-bouts. Not much for a probable \$5 million and a projected life span of 20 years.

- NDDOT has not demonstrated an effective track record with the City of Mandan. Example – Highway 10 – In process since 2013, repeatedly rescheduled by NDDOT and now stalled again related to funding; Summer 2022 – Sixth Avenue SE and Highway 1806 – The NDDOT way or no way.

Will this project be any different?

- Development Failed to identify development west of the Baymont and gave limited recognition to the impact of traffic from these areas. Including industrial, commercial, residential such as Cloverdale, NISC, Red Trail Elementary, BSC, multiple residential developments.
- MPO Refence to past MPO studies regarding development west of the Baymont. The most recent published study is dated 2013-1014. Recommendations from that study have not been implemented which would significantly reduce the need for reconstruction of Exit 152, including I-94 interchanges at 30th Avenue West and 56th Avenue West, extending Boundary Road and Lohstreter Road.
- Exit 152 Project Projected length of service 20 years (approx. 2046); Cost- Up to \$25 million; City of Mandan (Taxpayers) "Complex" typically Special Assessment x 20 years (approx. 2046); Comparative Exit 161- 10% to 19.07% City Share (\$2.5 to \$4.76 million)
- Sunset Drive Reconstruction 2 phases North approx. 2035, South approx. 2045 Cost approx. \$20 million (today); City of Mandan (Taxpayers) typically Special Assessment x 20 years (approx. 2055 and 2065, respectively) Likely considerably larger share
- Timelines
 Exit 152 Interchange 2026, paid to 2046, replace/renew approx. 2046, paid to 2066.
 North Sunset Drive 2035, paid to 2055, replace/renew ?, paid to ?
 South Sunset Drive 2045, paid to 2065, replace/renew ?, paid to ?
 Paying for project to PERPETUITY! AND OTHER STREET AND IMPROVEMENT PROJECTS!
- As discussed by Mayor Helbling, construction of an I-94 interchange at 56th Avenue West or 30th Avenue West, as recommended by the MPO in 2013-2014, would resolve short term issues, be more cost effective in the long

term, reduce the need for continual road replacement and serve the needs of the City of Mandan rather than the proposed project.

Ken Gieser Mandan

From:	
Sent:	
To:	
Subject:	

Dane Buysse <dtbuysse@gmail.com> Monday, May 8, 2023 9:25 AM Chris R Re: I-94 Interchange (Exit 152) Sunset Drive project

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That description is correct, Chris. Thank you for following up!

Dane Buysse

From: Chris R <c.rossmiller@meadhunt.com>
Sent: Monday, May 8, 2023, 9:22 AM
To: Dane Buysse <dtbuysse@gmail.com>
Subject: RE: I-94 Interchange (Exit 152) Sunset Drive project

Dane and Alicia,

Thank you for the feedback and comments.

For my clarification and reference, when you mention the Walmart stop light, are you referring to turning from southbound Sunset Drive onto Eastbound Old Red Trail? Just want to make sure we record your concern appropriately on our end.

Thank you,

From: Dane Buysse <dtbuysse@gmail.com>
Sent: Saturday, May 6, 2023 7:42 AM
To: Chris R <c.rossmiller@meadhunt.com>
Subject: I-94 Interchange (Exit 152) Sunset Drive project

You don't often get email from <u>dtbuysse@gmail.com</u>. <u>Learn why this is important</u> Chris,

My wife and I are Mandan residents and travel the project area each day when taking our daughter to daycare and on the way to work. Keeping this brief we are in support of the Alternative 4 Diamond with roundabouts interchange. Thank you for the opportunity to provide input. One suggestion is also below if stoplights are used at the walmart (north) intersection.

Currently we will not use the Walmart stop light (when traveling from the north and turning towards Walmart) because when coming from the north and taking a left hand turn to travel East it is difficult to see oncoming traffic from the south when cars are waiting at the stoplight and facing north. We had a close call once and will not chance the turn again. A green arrow at this light for turning would be absolutely necessary.

We hope this insight is helpful from our personal experience.

Thank you,

Dane and Alicia Buysse

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From: Sent: To: Subject: DeNae Kautzmann <pdemand3@bis.midco.net> Monday, May 1, 2023 10:36 AM Chris R Sunset

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Prefer single point DeNae Kautzmann

Sent from my iPad

From: Sent: To: Lori Dailey <loridailey01@gmail.com> Tuesday, May 2, 2023 2:28 PM Chris R

You don't often get email from loridailey01@gmail.com. Learn why this is important

We prefer single point interchange for sunset street interchange project. Thank you.

From:	Andrew K. Stromme
То:	Chris Rossmiller; Andrews, Miguel
Cc:	Tim Helbling (corralrv@midco.net); Joseph A. Camisa Jr.; Jim Neubauer; Mitchell L. Bitz; Justin J. Froseth; Jarek W. Wigness; Jason J. Ziegler; Madison M. Cermak
Subject:	City of Mandan Comment on Alternatives Proposed for Mandan Sunset Interchange *(1-094(231)152 PCN 23594)
Date:	Friday, May 5, 2023 10:37:54 AM
Attachments:	City Response NDDOT Sunset Project.pdf

Good morning Chris and Miguel,

Please see attached for the City of Mandan's comments in regards to alternatives proposed for the Mandan Sunset Interchange Project.

Thank you,



Andrew Stromme | City Planner City of Mandan Planning Department andrew.stromme@cityofmandan.com 701.667.3255 (office) | 701-301-9195 (cell) 205 2nd Ave NW, Mandan, ND 58554 www.cityofmandan.com



To: Chris Rossmiller, PE, Mead & Hunt and Miguel Andrews, PE, NDDOT
From: Andrew Stromme, City Planner
Date: May 5, 2023
Subject: Comment on Alternatives Proposed for Mandan Interchange *(1-094(231)152 PCN 23594)

The City of Mandan would like to express its appreciation for the opportunity to provide feedback on the proposed interchange alternatives for Exit 152, Sunset Drive NW.

Based on the input received from various departments, including Public Works, Police, Engineering, and Planning, the City requests prioritization of the single-point interchange over the diverging diamond, with the partial cloverleaf and roundabouts placed at the bottom of the list for the DOT to consider in this location.

City Staff contemplated the advantages and disadvantages of each option, both general and specific to the location in Mandan. Based on growth projections and the land uses that adjoin or flow into this interchange, we feel the SPUI will set our community up for the most success going into the future.

The City requests that Mead & Hunt and NDDOT explore the use of living snow fences or tree rows to proactively mitigate snow drifting, regardless of which alternative is selected. That is a concern with the current underpass configuration.

Additionally, the City requests that NDDOT and FHWA proactively consider leading in the cost sharing of improvements outside the FHWA ROW that are seen as necessary for the optimization of a new interchange, whether it be modifications to existing or new signals or the roundabout alternatives. This would greatly assist the City as the improvements are in the near term and not presently programmed or planned locally.

Please let City Engineer Froseth, Public Works Director Bitz or Myself know if you have any questions or need to discuss further.

Thank you for your attention to this matter.

Best regards,

Andrew Stromme City Planner City of Mandan

CC:

Tim Helbling – Mayor Joseph Camisa – City Commissioner, Engineering and Planning Portfolio Holder Jim Neubauer – City Administrator Justin Froseth – Engineering Director Mitch Bitz – Public Works Director Jarek Wigness – Assistant City Engineer Jason Ziegler – Police Chief Madison Cermak – Business Development & Communications Director

Appendix G Transcript/Video Script

Speaker 1

Welcome and thank you for taking time to learn more about the Interstate 94 and sunset Dr. Interchange project. The project is being undertaken by the North Dakota Department of Transportation in cooperation with the Federal Highway Administration and the City of Mandan. The consultant team from Mean Hunt is assisting the North Dakota Department of Transportation with this project and will be presenting information on this project today. My name is Chris Rossmiller and I am serving as the consultant project manager for Mean Hunt with me. Today I have members of our project team including our lead traffic engineer, Kyle Roberts, Jason Owen, our lead roadway engineer. And Amy dens for more engineering, who is leading our environmental review for this project. Our agenda for this presentation includes an overview of the project. This includes some of the background and the need for the project, followed by some of the information about the existing interchange in service today. Amy will be providing in brief overview of the environmental screening process followed by Kyle, who will be covering the existing traffic conditions observed and transitioning into the future conditions assessment for the interchange. Jason will then provide an overview of the interchange configuration alternatives being evaluated to address the future needs. This will also include a summary of cost and impacts associated with the alternatives. We will then close the presentation with the next steps for the project and information on how you can provide feedback and ask questions about the project. In 2013, the Bismarck, Mandan Metropolitan Planning Organization completed a study of the area north of Interstate 94 in Mandan. The study found that a significant portion of new growth in Mandan would occur north of the sunset Dr. The new growth would generate a large volume of new traffic that would funnel through the existing interchange. The report identified that modifications to the interchange would be needed within the next 5 to 15 years from when the study was completed. To accommodate this new growth of traffic. At this time, I'd also like to note that the study identified needs along the sunset Dr. Corridor, including extension of sunset Dr. N to 38th St. The corridor along Sunset Drive from Division St. to Boundary St. located South of the interchange. And Old Road trail to 38th St. north of the interchange, is currently being studied under a separate project undertaken by the Bismarck Mandan Metropolitan Planning Organization. This is a separate study from the information being provided in this presentation and more information about this study can be found on the mpow's website by clicking on MPO studies and projects link. Additionally, there's also a link to the corridor study. Project website on the I-94 interchange. Exit 152 project website from the completion of that study in 2013. Now, Fast forward 10 years. There has been guite a bit of growth along Sunset Drive and Old Road Trail including the Comfort Inn, the Medical Plaza and the Walmart to name a few more recently continued signs of gross including the construction of the new high school set to open in 2024. Has begun. There has also been several other developments reviewed by the city, both commercial and residential, that will have an impact in the amount of traffic traveling through the interchange and how the current users travel through the interchange day-to-day to reach these new destinations. With that background, the purpose of this project we are presenting today is to develop an alternative interchange design that meets the future travel demand, provides safe, efficient, multimodal traffic operations with minimal impacts to right away environmental features and can be constructed at a reasonable cost. The need for the project is driven by changes and increases to traffic due to the new developments and growth. Along with this increase in volume, there's also accelerated deterioration of pavement that would be observed as the traffic continues to increase. The project will also address geometric deficiency as the current interchange, such as the skew of the ramp intersections as they intersect Sunset Drive. This can have an effect on safety in the operations of how those intersections work. We'll also be looking at the low bridge clearance as I-94 passes over sunset Dr. which is currently more than two feet less than state standards and impacts the ability for trucks to utilize the interchange project limits for the study include. Interstate 94, about one mile east and West of Sunset Drive. This starts at the scenic

overlook along eastbound 94 located West of Sunset Drive and continues easterly to Hwy, 1806 Collins Ave. East of Sunset Dr. along Sunset Dr. itself the project limits for the study begins at 18th St. South of the interchange and continues N to Overlook Lane. The study will also include the intersections of Boundary St. and Old Red Trail. Taking a look at the current project schedule, we are currently here in April with our first public input meeting. After this meeting, we will be reviewing public input, making refinements to alternatives and completing the engineering and feasibility report, ultimately ranking and selecting a preferred alternate. We'll be coming back to present the rankings and preferred alternatives this summer, followed by completing the environmental documentation and beginning preliminary and final engineering, which will run through 2024. Utility relocations would be completed during 2025, with construction and interchange currently scheduled to begin in 2026. Interstate 94 and the Sunset Dr. Interchange were originally constructed in the late 1960s, and the last major reconstruction of the interchange to the configuration that's out there today was completed in the 1980s. I-94 itself is an urban Interstate highway running in east West direction. The cross section is a four lane Interstate highway section. With dual 12. Foot lanes, a four foot left shoulder and a 10 foot right shoulder in each travel direction. The travel directions are separated by a grass median and within the project limits the posted speed is 60 mph. Sunset Drive is a principal NS arterial which serves as a thorough way through the city connecting the downtown and residential area South of I-94 to the businesses and schools north of I-94, the posted. The speed limit through the interchange is 25 mph under 94, as shown here. It has a three lane cross section with a single northbound lane and two southbound lanes with one of those lanes acting as a left turn onto eastbound 90. The roadway at this location is constrained by the bridge carrying I-94, so it really acts as a pinch point as volumes continue to grow. We also want to note that the trail currently runs along the east side of the Sunset Drive through the interchange. Once you get away from the bridge though, heading north towards Old Red Trail sunset Dr. Widens to include A5 lane. Cross section with three northbound lanes approaching all the Red Trail, two of which are left turns onto westbound. All the Red Trail and two southbound lanes. Also through the interchange, there are several multimodal options serving the residents of Mandan. Bisman Transit provides bus service via the Purple Route, which enters the project area along Old Red Trail connecting with Sunset Dr. running through the interchange and continuing S into downtown Mandan. The bus provides service daily with stops at Walmart and the main Dan High School in its current location. I previously mentioned the tray on the east side of sunset, which is operated by the city of Mandan Parks and Recreation Department. The trail serves bicyclists and pedestrians through the interchange between Old Red Trail and Boundary St. Also working in conjunction with this trail, the city of Mandan has several sidewalk facilities, North and South of the interchange to provide pedestrians a connection between the residential areas South of the interchange to the businesses north of the interchange. And now I'd like to turn it over to Amy to cover a little bit more about the environmental screening process.

Speaker 2

A preliminary environmental screening process was conducted to inform the alternatives development phase of this project. During the screening, information was gathered from publicly available sources such as federal and state agency data. Agency and stakeholder input was conducted through a solicitation of use process, which sent emails requesting information from each entity that they may have about the project area, such as known future Development Plan, Special resources or other information that they feel would be informative. To our investigation. Land use within and adjacent to the project area has been developing significantly in the past five to 10 years and will continue to do so into the foreseeable future based on the local land use plans. For the area. Alternative development considers how a project could affect land use and socioeconomics in the area. Including potential impacts related to environmental justice. For cultural resources, the Class 1 literature review was conducted for the project area to

identify any known resources and whether these resources are listed or are eligible to be listed on the National Register of Historic Places. A lot of development and study have taken place in the project area and its immediate vicinity, which was very informative to the Class 1 literature review for this project. The initial findings indicate a portion of the Old Red Trail, also known as North Dakota Hwy. 10, occurring within the project. The next step will be consultation with the North Dakota Historic Preservation Office, otherwise known as Shippo, and and also following the requirements of Section 106 of the Historic Preservation Act as it relates to historic properties. Biological resources include threatener endangered species that may be present within the project area. Preliminary screening indicated that threaten and endangered species that could occur here are northern longer bat piping, plover, roofer, red knot, whooping crane. Dakota Skipper and the monarch butterfly. The Missouri River is also located east of the project corridor. And contains critical habitat for the piping plover. Aquatic resources such as wetlands and other water bodies. Evaluated using the National wetlands inventory data. The presence of mapped floodplains was also reviewed.

Office data review. There are no aquatic resources or FEMA floodplains located within the project area. Additional study will be conducted during the environmental document preparation phase of this project that will provide a more detailed evaluation of potential impacts from the project. This will include conducting field aquatic resource delineation once weather and site conditions. This will allow us to verify the office findings and stay in compliance with the US Army Corps of Engineers. Section 404 of the Clean Water Act requirements next, Kyle Roberts will tell you about traffic operations and safety.

Speaker 3

The existing lane configurations, shown in Gray and the turn based storage links noted in blue, were inventoried to accurately code our traffic models. New 24 hour turning movement counts were conducted in December 2022 for all study intersections and interchange ramps and were used to develop base year 2023 AM and PM peak hour traffic volumes. These lane configurations and turning movement volumes supplemented with field observations and measurements were used to build and calibrate the traffic models, level of service or Los is a gualitative measure describing operational conditions of an intersection or any other transportation facility. At intersections, Los is a letter designation that corresponds to a certain range of roadway operating conditions. The levels of service range from A to F with a indicating the best or free flow, operating conditions, and F indicating the worst or congested and failing operating conditions. And DDOT provides guidance on Los in the Ndot traffic operations manual that states the capacity analysis is 1 factor to determine recommended geometric design. The NDOT guidance is to meet or exceed an overall Los D Under 20 year projected automobile traffic. Under existing conditions in our study area, signalized intersections are operating at an overall Los, C or better during the AM and PM peak hours. With several approaches operating at Losd. The eastbound approach at the two way stop controlled intersection at Boundary St. operates at Los F. Crash data was collected for the study area for the period from 2017 to 2022. During that time, there were 95 reported crashes along Sunset Drive between Boundary St. and Old Red Trail with the highest density of crashes occurring at the sunset Dr. at Old Red Trail intersection. The majority of the crashes were rear end type collisions, which can be associated with signal control and congestion. As the pictures show, several of the crashes involved trucks in the low clearance of the I-94 bridge. Future Year 2030 or opening year and 2045 design year volume sets were developed in 20-30 signalized intersections. Continue operating at an overall LOC or better in the AM and PM peak hours with several approaches operating at Los D. The eastbound and westbound approach at the two way stop controlled intersection at Boundary St. operates at Los F. In 2045, operations begin to deteriorate. Multiple intersections operate at Los

E or F during the peak hours, with several failing approach Los. These results in the need to accommodate future growth in the corridor, necessitate improvements to the interchange and adjacent intersections. 4 interchange configurations were evaluated, including a single point urban interchange or spui. A diverging diamond interchange, or DDI, a partial cloverleaf interchange or park low and a diamond interchange with roundabouts. At the adjacent intersections, North and South of the interchange, improvements were also evaluated, including additional lanes and the roundabout option at the Sunset Drive in Old Red Trail intersection and Signalization, and a roundabout option at the Sunset Dr. at Boundary St. The 2030 level of service results show that all intersections under all alternatives would operate at losd or better. The 2040. Five level of service results also show that all intersections under all alternatives do r better. The 2040. Five level of service results also show that all intersections under all alternatives do r better. The 2040, Five level of service results also show that all intersections under all alternatives would operate at losd or better. Additional detailed analysis was performed for these alternatives, comparing additional measures of performance such as network delay, corridor travel times and queue links, which are detailed in the report and help provide input into the decision making process. Additionally, there are geometric and other considerations that Jason will detail in the following slides.

Speaker 4

We'll be presenting 4 alternatives for the interchange area. Each one is unique in the configuration and how drivers will navigate them. The first alternative that we'll look at today is the single point interchange. Here you can see an example of 1 and how traffic is coming off the ramps from the main line is condensed into a single area underneath the bridge. The idea of a single point interchange is to have the traffic passing through a central point where vehicle movements can be controlled from a single set of traffic signals. The navigation through the intersection is similar to conventional diamond interchange, just compacted as seen on the diagram here in the maroon dash line. To turn left from a freeway ramp, use the left turn lane like a conventional diamond interchange to turn right from a freeway ramp, use the right turn lane like a conventional. In interchange as well as seen here in the solid gold line from the arterial, navigate the interchange like a conventional diamond interchange. Pedestrians use marked crosswalks to safely cross the freeway ramps at single point interchanges. Crosswalks are now provided across the arterial to crosshair arterial. Pedestrians may use the nearest marked crosswalk. Depending on their level of comfort, cyclists may navigate the intersection using vehicle or pedestrian paths. Shown here is the single point alternative developed for the Sunset Drive and I-94 interchange, with the turning movements occurring under the I-94 bridges. This alternative will require the bridges to be replaced because of the extra width required of the single point configuration and the skewed angle of Sunset Drive to I-94. Looking at the insets, there's an option to include roundabouts at the ends of the project. Instead of signalized intersections. Because of these two options, there are two right away impact areas and two estimated cost. The signalize option will affect .06 acres of right away will cost approximately \$21.9 million. The single boy intersection with roundabouts option will affect .068 acres of right away and will cost \$24.4 million. On the environmental impacts, both options affect 0.06 acres of wetlands and will not impact the floodplain or cultural areas. Here we see what a typical section would look like if you were looking N on sunset drive and you were at the I-94 Overpass, 2 lanes going northbound 2 lanes going southbound, and two southbound left turning lanes to get onto I-94 E ramp. The second alternative that is being considered is a partial cloverleaf similar to the one shown here, with the loop ramp in the southwest quadrant of the interchange and traditional ramps to and from the Interstate. The partial cloverleaf alternative that was developed for this project can be seen here. The loop ramp is located in the southwest quadrant of the interchange, allowing southbound Sunset Drive traffic to exit and then merge onto the eastbound I-94. Traffic on the bridge. The loop in this alternative is longer to minimize the grade change from sunset to I-94 and provide needed merging space between the bridge and the entrance ramp in the southeast guadrant. Because of this elongated ramp, the

right away impacts are more significant than the other alternatives. 1.29 acres of is impacted with the signalize option of the Cove relief and 1.4 acres is impacted with the round of option for the right away. The Partial color relief signalized option estimate is \$20.8 million and the roundabout option is \$24.1 million. For both options, there is 06 acres of wetland impacts and no impacts to either floodplain or cultural areas for both. Here we see a cross section of the partial cloverleaf alternative. If we were looking N on sunset drive at the I-94 overpass, the design has one lane going both North and South, separated by a painted median and a southbound lane that is the access lane to the loop ramp. A third alternative that will present is a diverging diamond interchange like the one shown here in the photo shown here. The diverging movements are shown on the bridge structure. Our alternative has the diverging movements on Sunset Drive. The diverging diamond interchange is different than the normal interchange. The biggest difference is that vehicle traffic crosses over and travels on the left side of the roadway through a series of traffic signals. Taking a look at the gold traffic movements on the diagram here to turn right onto a freeway ramp from the arterial, use the right turn lane like a conventional diamond interchange. To continue straight through the arterial, follow lane markings and traffic signals to cross to the left side of the arterial and then cross to the right side. After passing through the interchange. To turn left onto a freeway ramp from the arterial, follow lane markings and traffic signals to cross to the left side of the arterial, then turn left onto the ramp. Taking a look at the maroon dash traffic flows to turn left from a freeway ramp. Follow the markings and traffic signals to stay on the left side of the arterial and then cross to the right side after passing through the interchange to turn right from a free rear ramp, use the right turn lane like a conventional diamond interchange. Depending on the level of comfort, cyclists may navigate the intersection using vehicle or pedestrian pass. Pedestrians use more crosswalks to safely navigate the interchange. Shown here is that diverging Diamond interchange developed for this project as shown previously, northbound and southbound traffic will cross at signalized locations North and South of the I-94 bridges. Traffic will then follow signing and marking for the left, turning movements onto the eastbound and westbound ramps to I-94. Right of way impacts for the signalized and roundabout options are virtually identical with the signalize option having .40 acres and the roundabout having .39 acres of impact cost wise. The estimated cost for a diverging diamond with signals is \$26.1 million, and that diverging diamond with roundabouts option is \$26.4 million. Environmentally, there is .07 acres of wetland impact for the diverging diamond with signals and .06 acres of wetland. Impact with the roundabouts option, there is no impact in the floodplain or cultural areas with this alter. Here is the cross section of the diverging diamond roadway. If you were looking N on sunset drive at the I-94 overpass. At this point, traffic has already crossed and the northbound traffic is on the left side of the roadway and the southbound traffic is on the right. There will be another crossover point just north of the overpasses. That will return traffic to the normal roadway configuration. The 4th alternative that we'll be presenting is the diamond interchange with a series of four roundabouts between Old Red Trail and Boundary St. Here's an aerial view of a similar interchange configuration. The diagram here describes and shows how to make proper turning movements to and from on ramps that utilize roundabouts. At ramp terminals. Looking at the Maroon Dash line, turn left from our freeway ramp, another roundabout, and then exit onto the third leg. To turn right from a freeway ramp, use the roundabout and exit onto the first leg. Looking at the gold traffic movements to turn right onto a freeway ramp from the arterial and other roundabout and take the first leg onto the freeway entrance ramp. To continue straight on the arterial, enter the first roundabout and exit onto the second leg. Then continue to the second roundabout and next it onto the second leg again. To turn left onto a freeway ramp from the arterial, enter the roundabout and take the third leg under the freeway entrance. Depending on the level of comfort, cyclists may navigate the interchange using vehicle or pedestrian paths. Pedestrians use marked crosswalks to safely navigate the interchange. Shown here is the diamond interchange with roundabouts layout that was developed for the project. The eastbound and

westbound I-94 exits are the same as with the traditional diamond interchange, but the ramps lead to a roundabout intersection instead. This alternative has been developed with roundabouts at Old Red Trail and Boundary St. to provide better traffic operations through this corridor. This alternative does not have an option to include signalized intersections at Old Red Trail or Boundary St. and were not included because it did not meet the standards of level of service. Of the corridor. The right of way impacts for this alternative are .45 acres and the cost estimate is 23.9 million. Dollars .03 acres of wetlands will be impacted and there are no impacts to the floodplain or cultural areas for this alternative. Here is the cross section of the roundabout alternative looking N at Sunset Drive at the I-94 overpass with two lanes northbound and two lanes southbound. Here we have an alternative comparison for each of the four options that we are proposing. We compare the right of way impacts the wetland impacts and the approximate costs for each of the four options. The traffic operations meet the level of service criteria for the 2045 design year for each of the alternatives that we are proposing.

Speaker 1

Now looking at the next steps for the project, the comment period for this meeting will remain open until May 5th. We would like your input and views on the alternatives presented here tonight, and any guestions that you have about them, please let us know what you liked or did not like about the alternatives presented here. From there, the team will be reviewing the feedback from the meeting and making refinements to the alternatives. We will be working with the Department of Transportation to rank the alternatives and select the preferred alternative when considering the traffic operations, geometrics safety, environmental impacts, a review of the construction staging needed to construct the alternative cost. And of course, the public input received on the alternatives. Following the selection of a preferred alternative, we'll be scheduling a meeting this summer to come back and present the rankings and the preferred alternative to the public, and here any comments or feedback that you have on the project. The team will continue to work to prepare the environmental document for project and developing construction plans. We would like to thank you for taking time to learn more about the sunset Dr. Interchange exit 152 project. Your feedback is very important to us. It is an opportunity for you to communicate with project design staff and relate information and ideas that may be beneficial to the designers as they work through the design process to improve this interchange. We encourage you to review the exhibits and handout materials and. Know your thoughts on the alternatives presented today. If you have any questions or comments about the alternative or about the project in general, please reach out to us in writing or by email using the contact information listed here. All comments must be emailed or postmarked by May 5th. Also, if you haven't done so already, please return to the project website and fill out the sign in sheet and the North Dakota dot title six public participation survey as this helps the North Dakota dot to receive federal funding. Thank you again for attending this presentation.