

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	1
		ILLINOIS	CONTRACT NO. 68K14	

# PROPOSED HIGHWAY PLANS

## FAP ROUTE 534 (IL 94) SECTION 111RS-5 PROJECT STP-NKHB(540) DESIGN OVERLAY HENDERSON COUNTY

C-94-063-25

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**HIGHWAY STANDARDS**

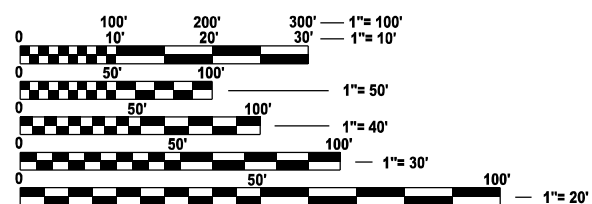
000001-09	602306-03	642011	701311-03
001001-02	604041-03	701001-02	701321-19
001006	606301-04	701006-05	701326-04
280001-07	630001-13	701011-04	701501-06
424001-12	630106-02	701201-05	701801-06
442201-04	630301-09	701301-04	701901-11
482011-03	631033-09	701306-04	780001-05
542301-03	642006-01	701336-07	781001-04

**DISTRICT STANDARDS**

281001-D4	542011-D4
406101-D4	542301-D4
406201-D4	606101-D4
406402-D4	630101-D4
540000-D4	635003-D4
542001-D4	780001-D4

**DESIGN DESIGNATION**

IL 94 (1500E)	POSTED SPEED LIMIT
MINOR ARTERIAL	RURAL = 55 MPH
ADT = 1,350 (2023)	IN STRONGHURST = 40 MPH
MU = 90 / 6.7% (2023)	
SU = 70 / 5.2% (2023)	

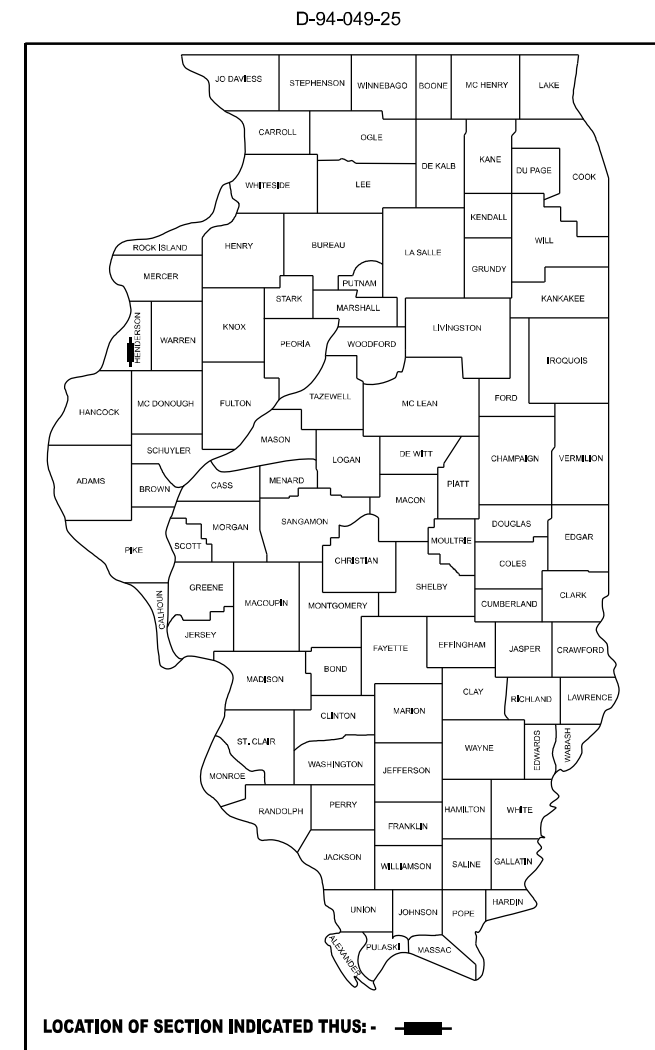


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

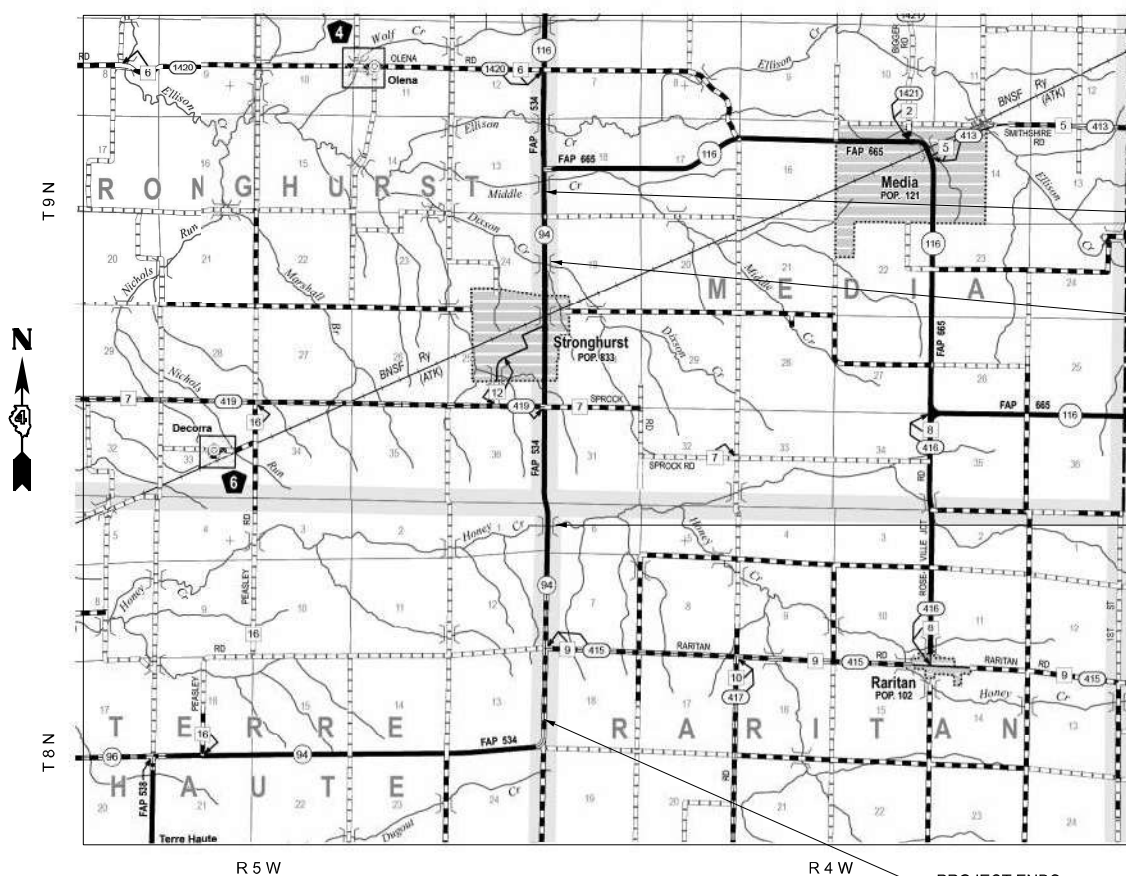
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: DAVE BROVIAK (309)671-3493  
PROJECT MANAGER: MICHAEL WITTKOP (309)671-3455

CONTRACT NO. 68K14



PROJECT DESCRIPTION:  
RESURFACING AND ADDITION OF HMA PAVED SHOULDERS ON IL 94 FROM SOUTH OF IL 116 TO NORTH OF TOWNSHIP ROAD 300N. PROJECT INCLUDES SPOT REPAIR/REPLACEMENT OF CULVERTS AND GUARDRAIL. INCLUDES ADA IMPROVEMENTS WITHIN THE VILLAGE OF STRONGHURST.



PROJECT BEGINS  
STA. 302+64.14

BRIDGE OMISSION  
SN 036-0054  
STA. 346+96.15 TO  
STA. 348+18.54

BRIDGE OMISSION  
SN 036-0010  
STA. 491+65.46 TO  
STA. 492+46.46

PROJECT ENDS  
STA. 605+55.55

GROSS LENGTH = 30294.41 FT. = 5.737 MILE  
NET LENGTH = 30088.02 FT. = 5.698 MILE



SIGNED: JASON R. HEINEKAMP  
IL PE LIC. NO.: 062,065,580  
DATE SIGNED: 03/18/2026  
LICENSE EXPIRES: 11/30/2027

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED Mar 20, 2026

*Kensil A. Garnett* REGIONAL ENGINEER

May 8 2026

*Jason R. Heinekamp* ENGINEER OF DESIGN AND ENVIRONMENT

May 8 2026

*Jason R. Heinekamp* DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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- 19-21. SCHEDULES OF QUANTITIES
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- 53-70. DISTRICT 4 STANDARDS
- 71-75. CROSS SECTIONS

# GENERAL NOTES

## AVAILABILITY OF ELECTRONIC FILES

CADD files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

## CONSECUTIVE SIDE STREET (ROAD) CLOSURE - PROHIBITED

- No two consecutive side streets (roads) may be closed at the same time during construction. The Contractor must alternate streets (roads).

## TEMPORARY MATERIAL REQUIREMENTS - UTILITY AND DRIVEWAY CROSSINGS

Incidental hot-mix asphalt surface shall be used for all temporary side road crossings. Aggregate surface course may be used for all driveway crossings except during winter shutdown in accordance with Article 107.09.

## WINTER SHUTDOWN RESTRICTIONS ON COLD MILLED PROJECTS

Prior to winter shutdown the following steps shall be taken:

- All cold milled surfaces shall be overlaid.
- All lanes shall be reopened to traffic.
- Manholes, where applicable, shall be adjusted to the elevation of the binder course/leveling binder to ease in plowing snow, and re-adjusted to finished grade in the Spring. The initial manhole adjustment will be paid for at the contract unit price and any re-adjustment, as directed by the Engineer, will be paid for in accordance with Article 109.04.
- Temporary or permanent pavement marking shall be placed as applicable.

## EARTH EXCAVATION - INCIDENTAL TO CURB, GUTTER, & DRIVEWAY

Earth excavation and backfill for proposed curb and gutters and driveway pavements shall be included in the unit cost of the various items.

## ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Borrow Site Review)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form - D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

## POLYMERIZED BITUMINOUS MATERIALS (TACK COAT) RATES

Surface Type	Residual Rate
Milled (HMA or PCC)	0.08 lb / sq ft
Existing Pavement	0.08 lb / sq ft
Fog Coat (between lifts)	0.08 lb / sq ft

## AGGREGATE WEDGE SHOULDER

Recycled Asphalt Pavement (RAP) will not be permitted for use in aggregate wedge shoulders.

## HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Location(s):	Mainline	Mainline	Shoulder	Shoulders	Shoulders	Patching	Patching	Incidental
Mixture Use(s):	Polymer Surface 2.0"	Polymer Binder 1.75"	Polymer Surface 2.0"	HMA Shoulders (Top binder 1.50")	Shoulders (Lower Lift 4.50")	Class D Patching	Partial Depth Patching (2.0")	Incidental Surface
AC/PG:	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	SBS or SBR 70-28	PG 58-28	PG 58-28	PG 58-28	PG 58-28
Design Air Voids:	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50	4.0% @ N=50
Mixture Composition: (Mixture Gradation)	IL 9.5	IL 9.5	IL 9.5	IL 9.5	IL 19.0	IL 19.0	IL 9.5	IL 9.5
Friction Aggregate:	Mix D	N/A	Mix D	N/A	N/A	N/A	N/A	Mix C
Quality Management Program:	PFP	PFP	PFP	QCQA	QCQA	QCQA	QCQA	QCQA
MTD:	YES	YES	Yes	YES	NO	NO	NO	NO

### Notes:

- Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the Engineer
- For design purposes, mixture weight for all mixes is determined to be 112.0 lb./s.y./in., unless otherwise noted.
- Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the Engineer and the paving contractor.

## MINIMUM VERTICAL CLEARANCE

The Contractor shall verify the existing structure vertical clearance prior to placing bituminous overlay under any structure. A minimum (13'-7") vertical clearance shall be maintained under the BNSF structure over IL 94. The minimum vertical clearance shall be confirmed prior to construction and not be reduced.

## BUTT JOINT CUTTING TIME RESTRICTION

Butt joints shall not be milled more than three (3) days prior to placement of the HMA surface course.

## PAVING SURFACE COURSE

Continuous paving operations on the main roadway shall be maintained at all times during the construction of the hot-mix asphalt surface. No interruptions for side roads, entrances, turn lanes, etc. will be allowed.

## CROSSING EXISTING STRUCTURES WITH EQUIPMENT

The following structures, SN 036-0010, SN 036-0054, SN 036-0069, SN 036-1000, may be crossed with an empty Category I MTD with a maximum gross weight restriction of 40 tons.

## ORDERING LENGTH CONFIRMATION - DRAINAGE ITEMS

The Contractor shall consult with the Engineer in regard to the exact length of the box/pipe culverts, storm sewers, and/or pipe drains required prior to ordering these items.

## TAPER REMOVAL @ FRAME & GRATES ADJUSTED BY OTHERS

At locations where frames and grates have previously been adjusted by others and they are surrounded by hot-mix asphalt tapers, the Contractor for this contract shall remove and dispose of the hot-mix asphalt taper material prior to the placement of the hot-mix asphalt surface course. This work will not be paid for separately, but will be considered as included in the cost of the HOT-MIX ASPHALT SURFACE COURSE pay item.

## TRANSITION PAYMENT METHOD - NEW/OLD CONSTRUCTION

Ten feet (10 ft.) (3 m) transitions shall be used to match proposed items of work to existing items in the field unless otherwise shown. The transition shall be paid for at the contract unit price for the proposed item of work specified.

## ADDITIONAL SUPPLEMENTAL TRAFFIC CONTROL

The Department reserves the right at any time to add additional Traffic Control Systems or devices within the active contract limits, by means of an additional contract. All terms of Article 105.08 of the Standard Specifications shall be followed by each Contractor.

## NO PASSING ZONE VERIFICATION

The resident shall contact Operations to verify the location of no passing zones prior to placement of centerline striping.

## SIGN POST HOLES

Vertical holes shall be constructed in the island pavement and/or concrete median of the type specified or concrete median surface 4 inches (100 mm). The holes shall be 24 inches (600 mm) in diameter or 24 inches (600 mm) square and they shall be free of any obstruction, except earth, for a depth of 5 feet (1.5 m) at the locations shown on the plans or as directed by the Engineer. Any holes not used for the placement of signs shall be filled and compacted flush with the top of the island pavement, concrete median of the types specified, or concrete median surface 4 inches (100 mm). The top 3 inches (75 mm) of said compacted fill shall consist of a hot-mix asphalt mixture. All holes in which the sign posts are installed at the time of this contract shall be similarly filled.

This work, including any required pavement removal necessary to construct the sign post holes, will not be paid for separately but shall be included in the contract unit price per square foot (square meter) for ISLAND PAVEMENT and/or CONCRETE MEDIAN of the type specified, or CONCRETE MEDIAN SURFACE, 4 inches (100 mm).

# PROJECT SPECIFIC NOTES

## TRANSITION MILL DEPTH

Transitions between milling depths shall measured and paid for as the deeper milling pay item. Transition limits are shown on the plans.

## HMA SURFACE REMOVAL 3 3/4" - ENTRANCE & SIDEROAD SAWCUTS

Entrances and sideroads within the limits of HMA Surface Removal 3 3/4" shall not be improved beyond the edge of pavement. The edge of pavement shall be saw cut to the depth of the proposed surface course and cleaned to the satisfaction of the Engineer prior to applying tack coat for surface course paving operations. This effort shall not be paid for separately but shall be considered included in the bid unit cost for HMA Surface Removal, 3 3/4".

## EXISTING CENTERLINE ALIGNMENT

The existing centerline alignment provided in the plans was approximated using available aerial imagery. Stationing was estimated from stamped pavement markings located in the field. Provided station and offset callouts provided in the plans are intended to provide relative location of elements estimated from the aerial imagery and are not guaranteed to match monuments found in the field.

## GIS BASED RIGHT-OF-WAY

Right-of-way (ROW) limits shown in the plans are based upon available Henderson County GIS data.

## ENTRANCES

Existing entrance geometry is to be maintained unless indicated otherwise in the plans.

MODEL - General Notes (Sheet)  
FILE NAME: c:\p\work\pw\_main\oms55119\D468K14-sh-sign-notes.dgn

	USER NAME = TravisW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, MIX REQUIREMENTS, &amp; PROJECT SPECIFIC NOTES</b>	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			534	111RS-5	HENDERSON	75	2
	CHECKED -	REVISED -	SCALE:		SHEET 1	OF 2	SHEETS	STA.	TO STA.	
PLOT DATE = 3/18/2026	DATE -	REVISED -					CONTRACT NO. 68K14		ILLINOIS	FED. AID PROJECT

**COMMITMENTS**

No commitments have been made for this project.

**UTILITY INFORMATION**

**BP PIPELINE GENERAL SAFETY REQUIREMENTS**

Any person who intends to conduct work within a pipeline right-of-way ("Requestor") is required to first call 811, the national "One-call" number, at least 48 hours (2 working days) \* before any construction and/or excavation activities are initiated within the pipeline right-of-way. Alternatively, depending on the state, a Requestor may make a notification online at <http://call811.com/811-your-state>. BP may have a representative present to ensure that there are no conflicts with the pipeline as a result of the work. There is no cost to use the One-Call Notification service. However, failure to utilize the One-Call service is a violation of regulatory requirements and may subject the offender to potential civil penalties\*\* and damages for personal injury and/or destruction of property.

\*Some states require additional advance notice. For example, Michigan and Tennessee each require 72 hours (3 working days) prior notice.  
 \*\*For example, refer to Washington State RCW 19.122.030 and Oregon State OAR 952-0010050

To have the pipeline physically located and its depth verified, please contact a BP Right of Way Agent at [BPPipelinesROW@bp.com](mailto:BPPipelinesROW@bp.com).

BP requires its representative to be on site when any work is being performed within 25 feet of the pipeline(s) or when the reach of mechanized equipment is capable of extending within twenty-five feet of the pipeline(s). BP requires forty-eight (48) hours\* (2 working days) prior notice of any work. Notice to BP does not relieve any Requestor of its obligation to contact the appropriate state One-Call system.

The Requestor is responsible for taking all necessary safety precautions and will be held responsible for any damages to property or for personal injury caused by the work.

**UTILITY COMPANY CONTACT INFORMATION**

Title	FirstName	LastName	Company	Address
Mr.	Brian	Barr	Norco/Buckeye Pipelines	<a href="mailto:bbarr@buckeye.com">bbarr@buckeye.com</a>
Mr.	Nathan	Hill	Ameren Illinois	<a href="mailto:dcjulierequest@ameren.com">dcjulierequest@ameren.com</a>
Ms.	Andrea	Sewell	Dallas Rural Water District	<a href="mailto:Dallasrwd@frontier.com">Dallasrwd@frontier.com</a>
Mr.	Clint	Wisslead	MTC Communications	<a href="mailto:cwisslead@mdctc.net">cwisslead@mdctc.net</a>
Mr.	Blake	Patrick	BP Pipelines	<a href="mailto:Blake.patrick@Bp.com">Blake.patrick@Bp.com</a>
Mr.	Charles	Parrott	Nicor Gas	<a href="mailto:cparrot@southernco.com">cparrot@southernco.com</a>
Mr.	Ron	Gittings	Village of Stronghurst	<a href="mailto:villagecleark@villageofstronghurst.org">villagecleark@villageofstronghurst.org</a>
Mr.	Kalin	Hinshaw	Frontier Communications	<a href="mailto:Kalin.hinshaw@ftr.com">Kalin.hinshaw@ftr.com</a>
Mr.	Chris	Minard	Mediacom Communications	<a href="mailto:cminard@mediacomcc.com">cminard@mediacomcc.com</a>
Mr.	Ryan	Bierey	Western Illinois Electric Coop	<a href="mailto:ryan@wice.net">ryan@wice.net</a>

IDOT DISTRICT 4 UTILITY TECHNICIAN 401 MAIN ST, PEORIA, IL 61602-1111 MICHELE NOTT 309-671-3397 MICHELE.NOTT@ILLINOIS.GOV  
 (FOR QUESTIONS)

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**COMMITMENTS & UTILITY INFORMATION**

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	3
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION CODE**

**STP-RURAL  
80/20  
FED/STATE  
ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
20200100	EARTH EXCAVATION	CU YD	490	490
20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	475	475
20700220	POROUS GRANULAR EMBANKMENT	CU YD	163	163
20800150	TRENCH BACKFILL	CU YD	52	52
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1726	1726
25000210	SEEDING, CLASS 2A	ACRE	0.5	0.5
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	32	32
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	32	32
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	32	32
** 25000750	MOWING	ACRE	5.5	5.5
25100630	EROSION CONTROL BLANKET	SQ YD	1726	1726
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	36	36
28000305	TEMPORARY DITCH CHECKS	FOOT	98	98
28000400	PERIMETER EROSION BARRIER	FOOT	455	455

\*\* PAID FOR WITH 100% STATE FUNDS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	4
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION CODE**

**STP-RURAL  
80/20  
FED/STATE  
ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
28000500	INLET AND PIPE PROTECTION	EACH	14	14
28100107	STONE RIPRAP, CLASS A4	SQ YD	378	378
28100109	STONE RIPRAP, CLASS A5	SQ YD	16	16
28200200	FILTER FABRIC	SQ YD	394	394
31100200	SUBBASE GRANULAR MATERIAL, TYPE A	CU YD	11	11
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	1276	1276
40600295	POLYMERIZED BITUMINOUS MATERIALS (TACK COAT)	POUND	187348	187348
40600405	MATERIAL TRANSFER DEVICE	TON	22711	22711
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2250	2250
40600990	TEMPORARY RAMP	SQ YD	577	577
40603205	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N50	TON	9461	9461
40604160	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	13250	13250
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	201	201
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	59	59

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**STATE OF ILLINOIS  
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**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68K14	

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STP-RURAL  
80/20  
FED/STATE  
ROADWAY

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	198	198
* 42400800	DETECTABLE WARNINGS	SQ FT	20	20
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	82634	82634
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	13139	13139
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	230	230
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	59	59
44000600	SIDEWALK REMOVAL	SQ FT	112	112
44003100	MEDIAN REMOVAL	SQ FT	189	189
44004250	PAVED SHOULDER REMOVAL	SQ YD	13	13
44201335	CLASS C PATCHES, TYPE IV, 8 INCH	SQ YD	126	126
44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	7	7
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	29	29
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SQ YD	52	52
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	402	402

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68K14	

**CONSTRUCTION CODE**

**STP-RURAL  
80/20  
FED/STATE  
ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	658	658
48203021	HOT-MIX ASPHALT SHOULDERS, 6"	SQ YD	20819	20819
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1	1
50100400	REMOVAL OF EXISTING STRUCTURES NO. 2	EACH	1	1
50105220	PIPE CULVERT REMOVAL	FOOT	183	183
50800105	REINFORCEMENT BARS	POUND	190	190
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	2410	2410
52200020	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	175	175
54002020	EXPANSION BOLTS 3/4 INCH	EACH	32	32
54003000	CONCRETE BOX CULVERTS	CU YD	15.5	15.5
542A0220	PIPE CULVERTS, CLASS A, TYPE 1 15"	FOOT	50	50
54010404	PRECAST CONCRETE BOX CULVERTS 4' X 4'	FOOT	60	60
54213660	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"	EACH	2	2
54213663	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"	EACH	7	7
54213675	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"	EACH	8	8
54248510	CONCRETE COLLAR	CU YD	9	9

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PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	7
ILLINOIS FED. AID PROJECT			CONTRACT NO. 68K14	

**CONSTRUCTION CODE**

**STP-RURAL  
80/20**

**FED/STATE**

**ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	262	262
542A0235	PIPE CULVERTS, CLASS A, TYPE 1 30"	FOOT	32	32
60240303	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	EACH	1	1
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2
60603500	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.06	FOOT	59.5	59.5
60608552	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.06	FOOT	12.5	12.5
60608582	COMBINATION CONCRETE CURB AND GUTTER, TYPE M-4.24	FOOT	29	29
60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	78	78
60905305	BOX CULVERTS TO BE CLEANED	FOOT	130	130
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	500	500
* 63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	75	75
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	4
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	6	6
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2

\*= SPECIALTY ITEM

MODEL: SOQ\_5 [Sheet]  
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USER NAME = TravisW  
PLOT DATE = 3/18/2026

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	8
CONTRACT NO. 68K14			ILLINOIS FED. AID PROJECT	

**CONSTRUCTION CODE**

**STP-RURAL  
80/20**

**FED/STATE**

**ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
63200310	GUARDRAIL REMOVAL	FOOT	1192	1192
64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FOOT	52458	52458
64200214	SINUSOIDAL RUMBLE STRIPS, 14"	FOOT	26301	26301
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8
67100100	MOBILIZATION	L SUM	1	1
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	5	5
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1
70100600	TRAFFIC CONTROL AND PROTECTION, STANDARD 701336	L SUM	1	1
66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
66901006	REGULATED SUBSTANCES MONITORING	CAL DA	34	34
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1
70106500	TEMPORARY BRIDGE TRAFFIC SIGNALS	EACH	1	1
70106700	TEMPORARY RUMBLE STRIPS	EACH	6	6
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15044	15044
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	5015	5015

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USER NAME = TravisW	DESIGNED -	REVISED -
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PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	9
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION CODE**

**STP-RURAL  
80/20**

**FED/STATE**

**ROADWAY**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	29218	29218
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	58905	58905
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	2189	2189
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	70	70
70400100	TEMPORARY CONCRETE BARRIER	FOOT	200	200
70400125	PINNING TEMPORARY CONCRETE BARRIER	EACH	72	72
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	200	200
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2
72400205	REMOVE AND RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	8	8
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	29218	29218
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	58905	58905
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	25	25

\*= SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	10
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION CODE**

**STP-RURAL  
80/20**

**FED/STATE**

**ROADWAY**

**0005**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	74	74
* 78011025	GROOVING FOR RECESSED PAVEMENT MARKING 5"	FOOT	29218	29218
* 78011035	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	58905	58905
* 78011065	GROOVING FOR RECESSED PAVEMENT MARKING 13"	FOOT	25	25
* 78011125	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	74	74
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	376	376
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	111	111
Z0001002	GUARDRAIL AGGREGATE EROSION CONTROL	TON	397	397
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	4	4
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1
Z0062456	TEMPORARY PAVEMENT	SQ YD	141	141
X1200160	CONNECTION TO EXISTING DRAINAGE STRUCTURE	EACH	1	1
X2020114	GRADING AND SHAPING DITCHES (SPECIAL)	FOOT	585	585

\* = SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	11
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**CONSTRUCTION CODE**

**STP-RURAL  
80/20**

**FED/STATE**

**ROADWAY**

**0005**

ITEM NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	0005
X2850001	REVETMENT MAT REMOVAL	SQ YD	50	50
X3110100	COARSE AGGREGATE	TON	3	3
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL (SPECIAL)	SQ YD	1672	1672
X4421000	PARTIAL DEPTH PATCHING	TON	1225	1225
X4421002	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	8747	8747
X5015225	PIPE CULVERT REMOVAL (SPECIAL)	FOOT	66	66
X5420350	END SECTIONS 18" (SPECIAL)	EACH	1	1
X5430218	CURED-IN-PLACE PIPE LINER, 18"	FOOT	50	50
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	66	66
X6060097	CLASS SI CONCRETE (OUTLET), SPECIAL	CU YD	1.2	1.2
X6062700	CONCRETE GUTTER, TYPE A (SPECIAL)	FOOT	73	73
X6350204	LINEAR DELINEATOR PANELS, 4 INCH	EACH	14	14
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Ø Z0076600	TRAINEES	HOUR	2500	2500
XZ013798	CONSTRUCTION STATION LAYOUT	L SUM	1	1
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	2500	2500

Ø 0042

MODEL: SOQ\_9 [Sheet]  
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PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
SUMMARY OF QUANTITIES**

SCALE: SHEET 9 OF 9 SHEETS STA. TO STA.

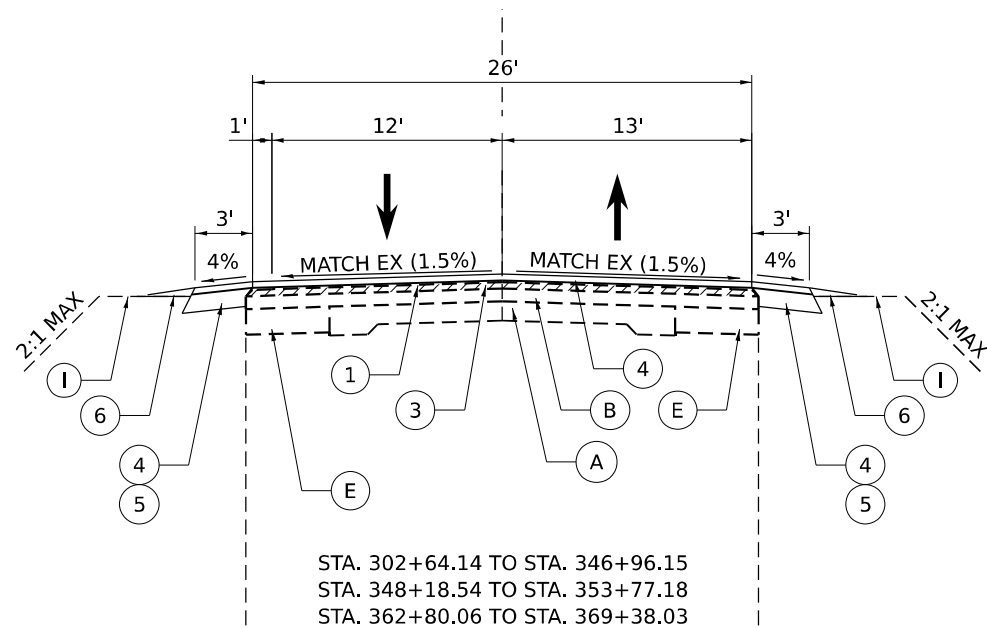
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	12
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				





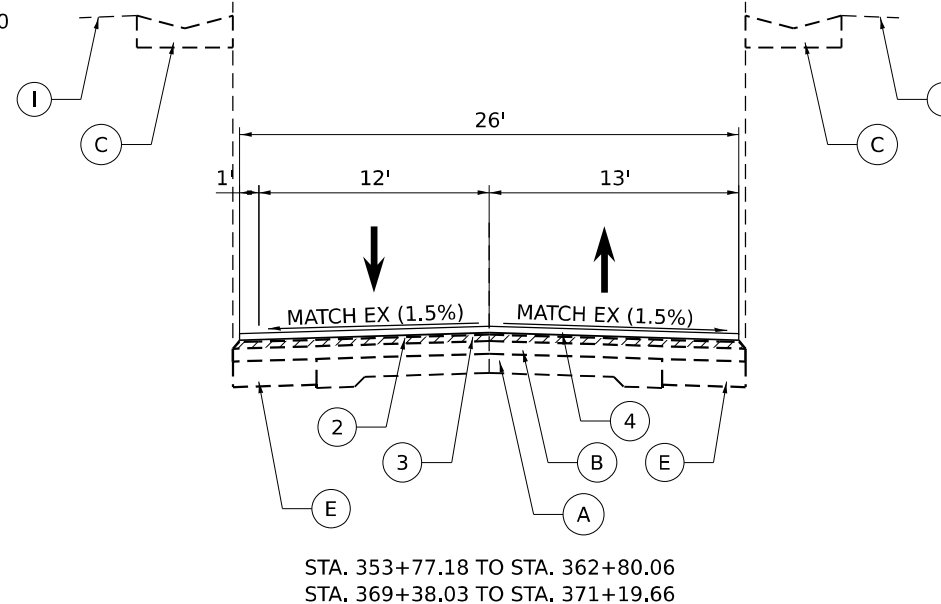
**LEGEND**

- ① PROPOSED SURFACE REMOVAL, 1.5"
- ② PROPOSED SURFACE REMOVAL, 3.75"
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50, 1.75"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑥ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑦ PROPOSED GUARDRAIL TYPE A
- ⑧ PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL
- ⑨ PROPOSED FURNISH AND PLACE TOPSOIL, 4"
- ⑩ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- A EXISTING PCC PAVEMENT 9-6-9
- B EXISTING BITUMINOUS OVERLAY
- C EXISTING CONCRETE GUTTER
- D EXISTING CC&G TY B6.6
- E EXISTING PCC BASE COURSE WIDENING 8"
- F EXISTING BITUMINOUS SHOULDER 8"
- H EXISTING AGGREGATE SHOULDER WEDGE
- I EXISTING GROUND
- J EXISTING GUARDRAIL
- K EXISTING CONCRETE WALL
- L EXISTING CONCRETE SHOULDER



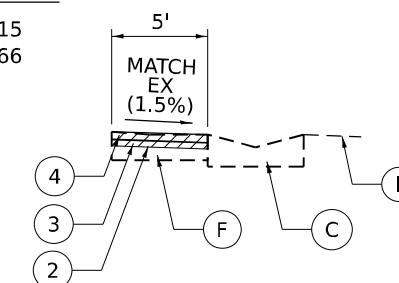
STA. 355+00.00 TO STA. 362+23.00

STA. 354+17.50 TO STA. 362+23.00



**PROPOSED TYPICAL SECTION - IL 94**

STA. 302+64.14 TO STA. 346+96.15  
 STA. 348+18.54 TO STA. 371+19.66

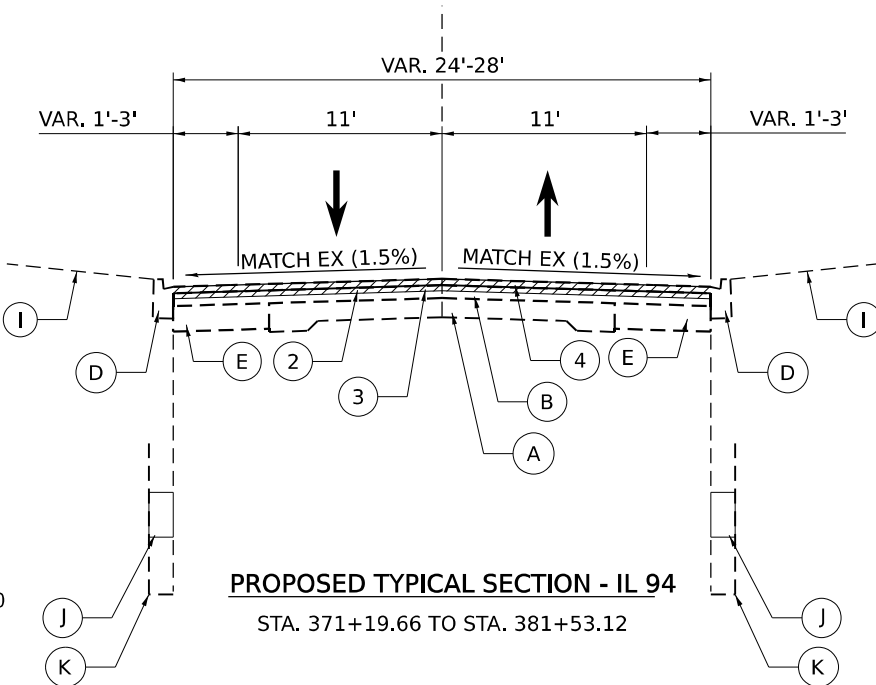


**PROPOSED TYPICAL SECTION - IL 94**

FOR EXISTING SHOULDER AND GUTTER CONDITIONS

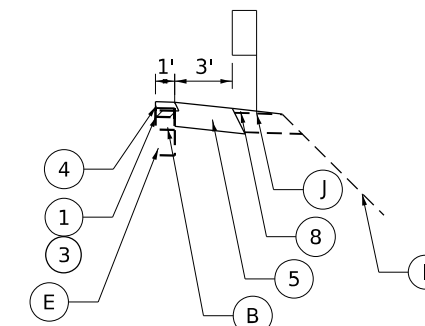
STA. 497+77.95 TO STA. 510+51.08 LT.  
 STA. 505+38.00 TO STA. 510+51.52 LT.

STA. 481+01.70 TO STA. 484+91.50 RT.  
 STA. 497+78.29 TO STA. 510+51.52 RT.  
 STA. 505+39.50 TO STA. 510+51.08 RT.



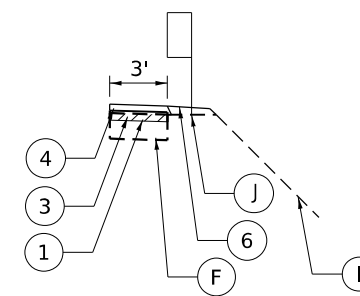
**PROPOSED TYPICAL SECTION - IL 94**

STA. 371+19.66 TO STA. 381+53.12



**PROPOSED TYPICAL SECTION - IL 94**

STA. 302+35.56 TO STA. 303+68.06 RT.  
 STA. 302+64.00 TO STA. 303+68.00 LT.  
 STA. 349+46.76 TO STA. 349+80.36 LT.



**PROPOSED TYPICAL SECTION - IL 94**

STA. 345+24.04 TO STA. 346+96.15 RT.  
 STA. 348+18.54 TO STA. 349+40.70 RT.

STA. 345+73.87 TO STA. 346+96.15 LT.  
 STA. 348+18.54 TO STA. 349+90.36 LT.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

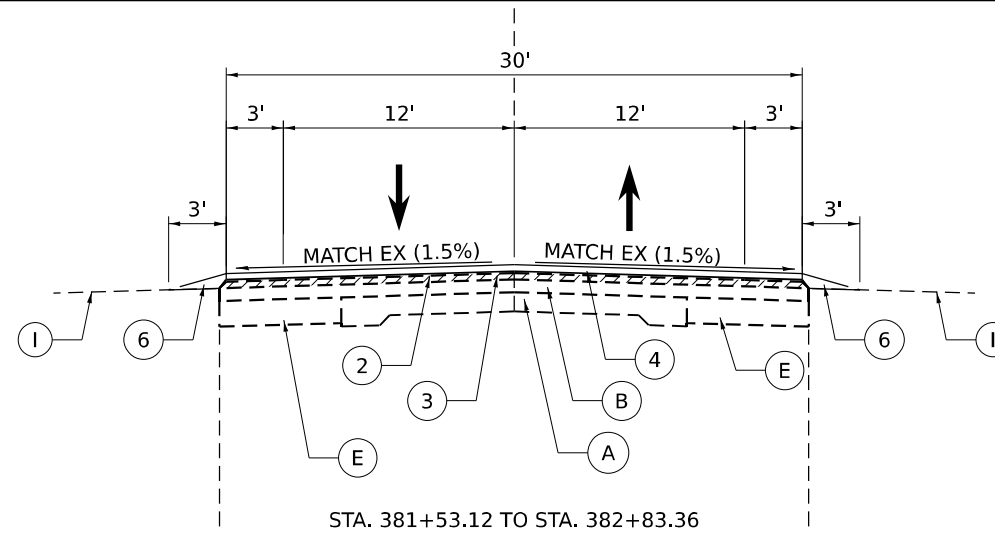
**IL RTE 94  
 PROPOSED TYPICAL SECTIONS**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

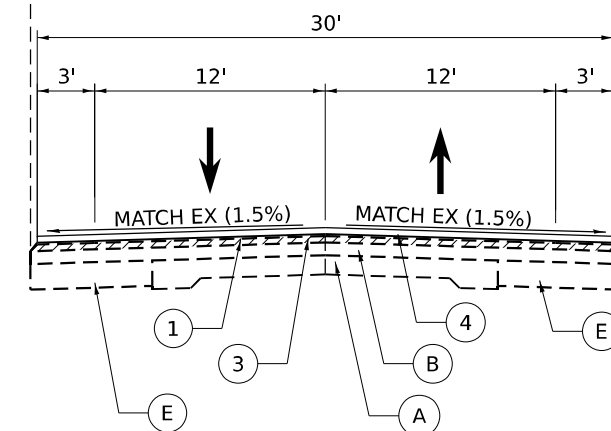
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	15
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- ① PROPOSED SURFACE REMOVAL, 1.5"
- ② PROPOSED SURFACE REMOVAL, 3.75"
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50, 1.75"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑥ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑦ PROPOSED GUARDRAIL TYPE A
- ⑧ PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL
- ⑨ PROPOSED FURNISH AND PLACE TOPSOIL, 4"
- ⑩ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- A EXISTING PCC PAVEMENT 9-6-9
- B EXISTING BITUMINOUS OVERLAY
- C EXISTING CONCRETE GUTTER
- D EXISTING CC&G TY B6.6
- E EXISTING PCC BASE COURSE WIDENING 8"
- F EXISTING BITUMINOUS SHOULDER 8"
- H EXISTING AGGREGATE SHOULDER WEDGE
- I EXISTING GROUND
- J EXISTING GUARDRAIL
- K EXISTING CONCRETE WALL
- L EXISTING CONCRETE SHOULDER



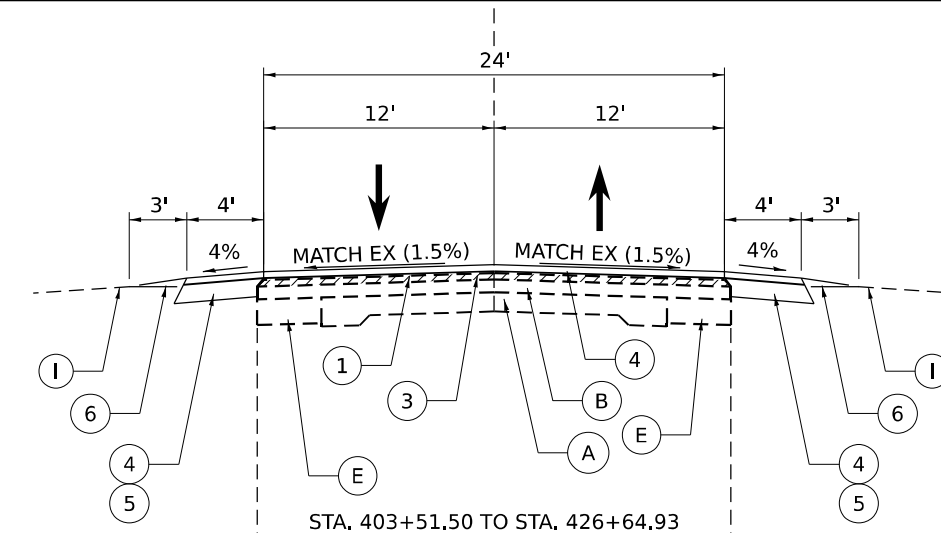
STA. 381+53.12 TO STA. 382+83.36



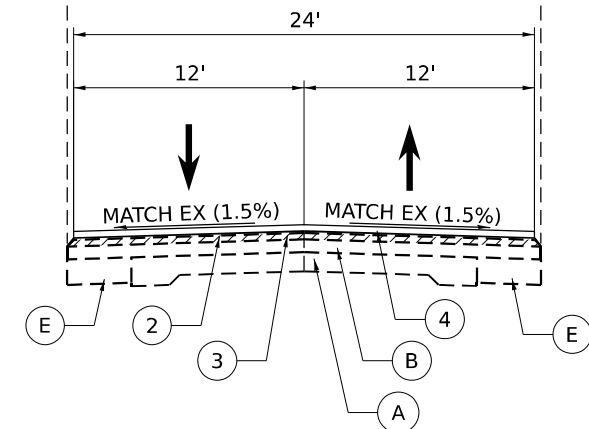
STA. 382+83.36 TO STA. 403+51.50

**PROPOSED TYPICAL SECTION - IL 94**

STA. 381+53.12 TO STA. 403+51.50



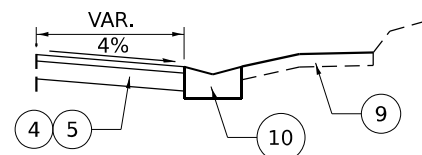
STA. 403+51.50 TO STA. 426+64.93  
 STA. 430+80.35 TO STA. 470+81.80  
 STA. 489+05.96 TO STA. 491+65.46  
 STA. 492+46.46 TO STA. 497+33.21  
 STA. 510+96.52 TO STA. 604+50.00



STA. 497+33.21 TO STA. 510+96.52

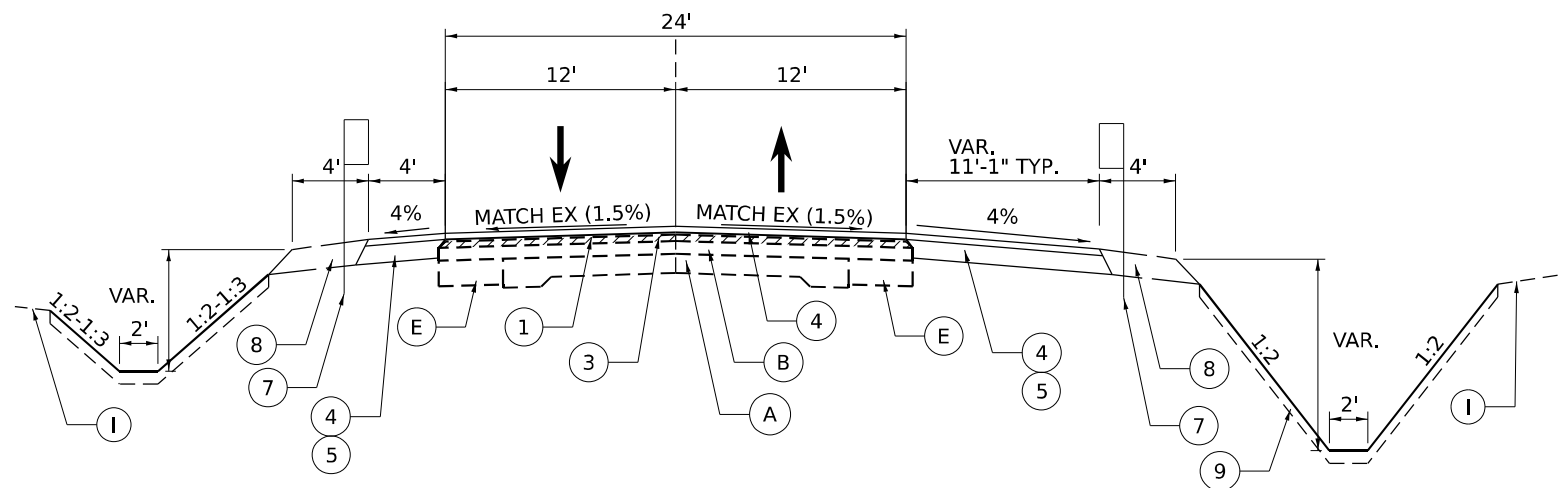
**PROPOSED TYPICAL SECTION - IL 94**

STA. 403+51.50 TO STA. 426+64.93  
 STA. 430+80.35 TO STA. 470+81.80  
 STA. 489+05.96 TO STA. 491+65.46  
 STA. 492+46.46 TO STA. 604+50.00



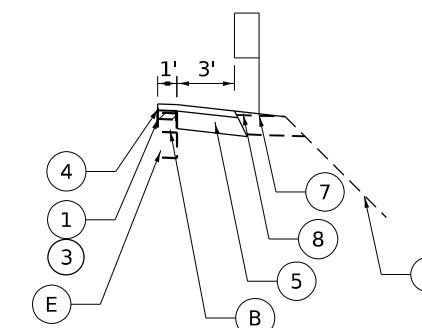
**PROPOSED TYPICAL SECTION - IL 94**

STA. 429+46.84 TO STA. 430+37.35



**PROPOSED TYPICAL SECTION - IL 94**

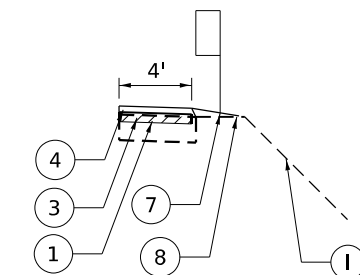
STA. 426+64.93 TO STA. 430+80.35



**PROPOSED TYPICAL SECTION - IL 94**

STA. 489+92.39 TO STA. 490+83.09 RT.  
 STA. 493+43.40 TO STA. 493+91.35 RT.

STA. 489+95.51 TO STA. 490+83.90 LT.  
 STA. 493+73.79 TO STA. 494+28.65 LT.



**PROPOSED TYPICAL SECTION - IL 94**

STA. 490+83.09 TO STA. 491+58.01 RT.  
 STA. 492+53.86 TO STA. 493+43.40 RT.

STA. 490+83.90 TO STA. 491+58.00 LT.  
 STA. 492+53.66 TO STA. 493+73.79 LT.

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

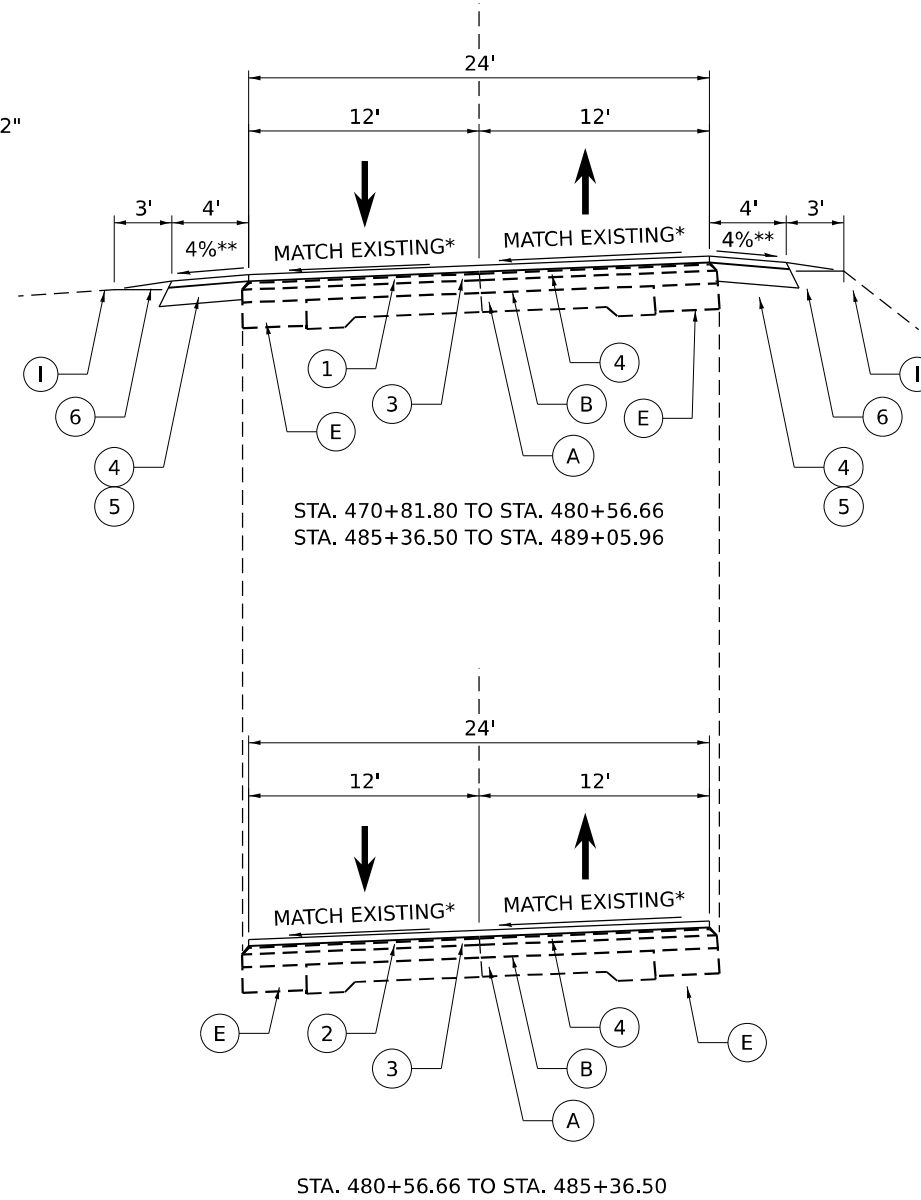
**IL RTE 94  
 PROPOSED TYPICAL SECTIONS**

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	16
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- ① PROPOSED SURFACE REMOVAL, 1.5"
- ② PROPOSED SURFACE REMOVAL, 3.75"
- ③ POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50, 1.75"
- ④ POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"
- ⑤ HOT-MIX ASPHALT SHOULDERS, 6"
- ⑥ AGGREGATE WEDGE SHOULDER, TYPE B
- ⑦ PROPOSED GUARDRAIL TYPE A
- ⑧ PROPOSED GUARDRAIL AGGREGATE EROSION CONTROL
- ⑨ PROPOSED FURNISH AND PLACE TOPSOIL, 4"
- ⑩ PROPOSED CONCRETE GUTTER, TYPE A (SPECIAL)
- A EXISTING PCC PAVEMENT 9-6-9
- B EXISTING BITUMINOUS OVERLAY
- C EXISTING CONCRETE GUTTER
- D EXISTING CC&G TY B6,6
- E EXISTING PCC BASE COURSE WIDENING 8"
- F EXISTING BITUMINOUS SHOULDER 8"
- H EXISTING AGGREGATE SHOULDER WEDGE
- I EXISTING GROUND
- J EXISTING GUARDRAIL
- K EXISTING CONCRETE WALL
- L EXISTING CONCRETE SHOULDER



**PROPOSED TYPICAL SECTION - IL 94**

STA. 470+81.80 TO STA. 489+05.96

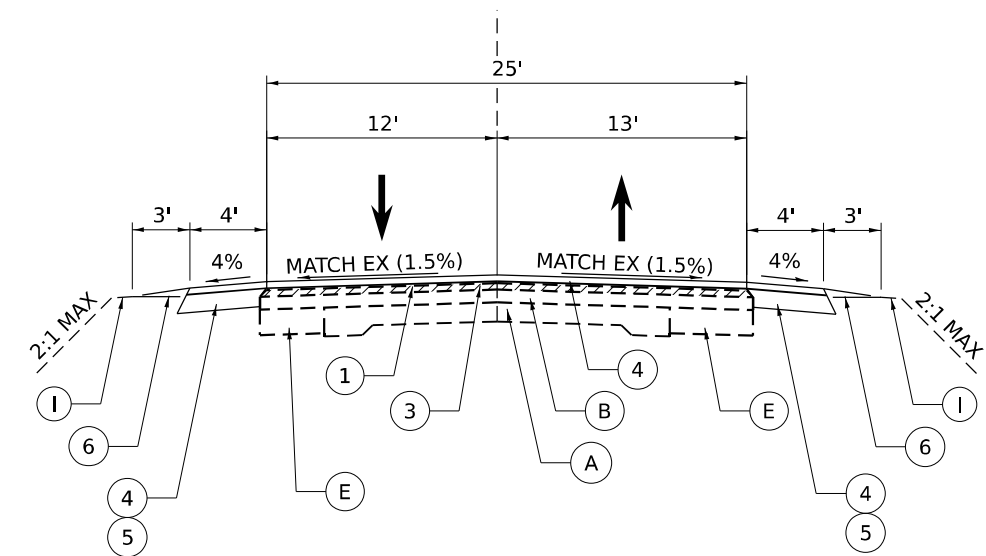
\*SEE SUPER ELEVATION SECTIONS

\*\*8% MAX ALLOWABLE ROLLOVER FROM EDGE OF TRAVELED WAY

**SUPER ELEVATION SECTIONS**

Station	Left Side Slope (%)	Centerline (%)	Right Side Slope (%)
479+99.06	0.0%	0.0%	0.0%
PT = 479+06.17	3.3%	3.3%	3.3%
478+60.57	5%	5%	5%
473+15.80	5%	5%	5%
471+89.80	3.3%	3.3%	3.3%
471+35.80	1.5%	1.5%	1.5%
470+81.80	1.5%	1.5%	1.5%
489+05.96	1.5%	1.5%	1.5%
488+51.96	0.0%	0.0%	1.5%
487+97.96	1.5%	1.5%	1.5%
PT = 487+31.96	3.3%	3.3%	3.3%
486+71.96	5%	5%	5%
481+37.55	5%	5%	5%
PC = 480+91.95	3.3%	3.3%	3.3%
479+99.06	0.0%	0.0%	0.0%

NOTE: SUPER ELEVATION DATA APPROXIMATED FROM HISTORIC PLANS (CONTRACT NO. 36948). CROSS-SLOPES AND TRANSITIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER PRIOR TO MILLING.






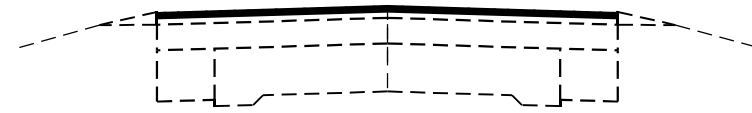
**PROPOSED TYPICAL SECTION - IL 94**

STA. 604+50.00 TO STA. 605+55.55

MODEL: I:\unfiled-2 (Sheet) FILE NAME: c:\p\work\p\main\oms5119\D468K14-sh-hyp-prc.dgn

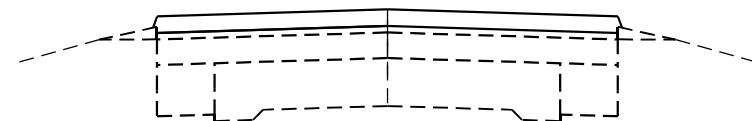
**LEGEND**

-  EXISTING CONDITIONS
-  EXISTING CONDITIONS TO BE REMOVED
-  PROPOSED CONDITIONS



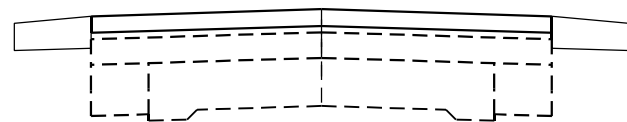
MILL EXISTING PAVEMENT BOTH LANES

**SEQUENCE 1**  
(FACING DIRECTION 1)



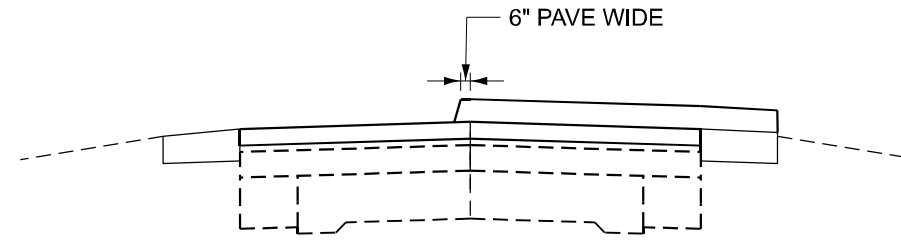
PAVE HMA BINDER COURSE BOTH LANES

**SEQUENCE 2**  
(FACING DIRECTION 1)



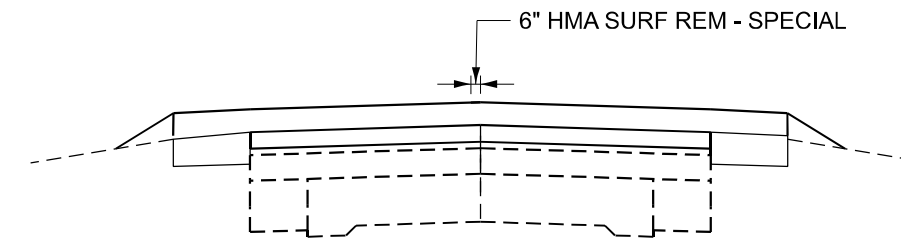
CONSTRUCT INITIAL 6" HMA SHOULDER (BOTH DIRECTIONS)

**SEQUENCE 3**  
(FACING DIRECTION 1)



DIRECTION 1 - PAVE HMA SURFACE COURSE, EXTEND 6" WIDER THAN CENTERLINE  
PAVE FINAL LIFT OF HMA SHOULDER SIMULTANEOUSLY WITH MAINLINE

**SEQUENCE 4**  
(FACING DIRECTION 1)



DIRECTION 2 - HMA JOINT TRIMMING OF SURFACE COURSE  
PAVE HMA SURFACE COURSE  
PAVE FINAL LIFT OF HMA SHOULDER SIMULTANEOUSLY WITH MAINLINE  
CONSTRUCT AGG WEDGE SHOULDER (BOTH DIRECTIONS)

**SEQUENCE 5**  
(FACING DIRECTION 1)

ALL CLASS D PATCHING SHALL BE COMPLETED PRIOR TO PLACEMENT OF THE PROPOSED BINDER AND SURFACE COURSES  
CHANGES TO THE PROPOSED PAVING SEQUENCE MUST BE APPROVED IN WRITING BY THE ENGINEER.

MODEL: typ-sequence-001  
FILE NAME: c:\p\work\p\main\oms55119\19\1468K14-sh-ty-sequence.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
PROPOSED PAVING SEQUENCE**

SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	18
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

PAVEMENT SCHEDULE																		
LOCATION	LENGTH	WIDTH	AREA	AREA	HMA SURFACE REMOVAL - BUTT JOINT	TEMP RAMP	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50		POLY. HMA BINDER COURSE, IL-9.5, N50	POLY. BIT. MATERIALS (TACK COAT)		HMA SURFACE REMOVAL, 1 1/2"	HMA SURFACE REMOVAL, 3 3/4"	HMA SURFACE REMOVAL, SPECIAL, JT	MATERIAL TRANSFER DEVICE	AGGREGATE SURFACE COURSE, TYPE B	INCIDENTAL HMA SURFACING	
							2.0"	1.75"	JT	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD				
							TON	TON	POUND	POUND	SQ YD	SQ YD	SQ YD	TON				TON
IL 94																		
STA. 302+64.14 TO 303+09.14	45.0	26	1170.0	130.0	130.0	60.2	14.6	0.1	12.7	187.2	1.8			2.5	27.4			
STA. 303+09.14 TO 342+95.47	3986.3	26	103644.6	11516.1			1289.8	12.4	1128.6	16583.1	159.5	11516.06		221.5	2430.8			
STA. 342+95.47 TO 343+40.78	45.3	29	1314.0	146.0			16.4	0.1	14.3	210.2	1.8	146.00		2.5	30.8			
STA. 343+40.78 TO 346+51.15	310.4	32	9931.8	1103.5			123.6	1.0	108.1	1589.1	12.4	1103.54		17.2	232.7			
STA. 346+51.15 TO 346+96.15	45.0	32	1440.0	160.0	160.0	53.4	17.9	0.1	15.7	230.4	1.8			2.5	33.7			
BRIDGE OMISSION																		
STA. 348+18.54 TO 348+63.54	45.0	32	1440.0	160.0	160.0	53.4	17.9	0.1	15.7	230.4	1.8			2.5	33.7			
STA. 348+63.54 TO 350+10.44	146.9	VAR	103639.4	11515.5			1289.7	0.5	1128.5	16582.3	5.9	11515.49		8.2	2418.7			
STA. 350+10.44 TO 354+22.18	411.7	26	10705.2	1189.5			133.2	1.3	116.6	1712.8	16.5	1189.47		22.9	251.1			
STA. 354+22.18 TO 362+80.06	857.9	26	22304.9	2478.3			277.6	2.7	242.9	3568.8	34.3		2478.32	47.7	523.2			
STA. 362+80.06 TO 369+38.03	658.0	26	17107.2	1900.8			212.9	2.0	186.3	2737.2	26.3	1900.80		36.6	401.2			
STA. 369+38.03 TO 382+86.11	1348.1	VAR	36211.3	4023.5			450.6	4.2	394.3	5793.8	53.9		4023.48	74.9	849.1			
STA. 382+86.11 TO 401+53.42	1867.3	30	56019.3	6224.4			697.1	5.8	610	8963.1	74.7	6224.37		103.7	1312.9			
STA. 401+53.42 TO 403+63.37	210.0	VAR	5864.3	651.6			73	0.7	63.9	938.3	8.4	651.59		11.7	137.6			
STA. 403+63.37 TO 481+01.66	7738.3	24	185719.0	20635.4			2311.2	24.1	2022.3	29715	309.5	20515.44	120	429.9	4357.6			
STA. 481+01.66 TO 484+91.50	389.8	29	11305.4	1256.2			140.7	1.2	123.1	1808.9	15.6		1256.15	21.7	265.0			
STA. 484+91.50 TO 490+38.09	546.6	24	13118.2	1457.6			163.2	1.7	142.6	2098.9	21.9	1337.57	120	30.4	307.7			
STA. 490+38.09 TO 490+87.90	49.8	24	1195.4	132.8			14.9	0.2	13	191.3	2	132.8		2.8	28.1			
STA. 490+87.90 TO 491+20.46	32.6	32	1041.9	115.8			13	0.1	11.3	166.7	1.3	115.8		1.8	24.4			
STA. 491+20.46 TO 491+65.46	45.0	32	1440.0	160.0	160.0	41.2	17.9	0.1	15.7	230.4	1.8			2.5	33.7			
BRIDGE OMISSION																		
STA. 492+46.46 TO 492+91.46	45.0	32	1440.0	160.0	160.0	48.4	17.9	0.1	15.7	230.4	1.8			2.5	33.7			
STA. 492+91.46 TO 493+73.79	82.3	32	2034.6	292.7			32.8	0.3	28.7	421.5	3.3	292.7		4.6	61.8			
STA. 493+73.79 TO 493+95.32	21.5	25	538.2	59.8			6.7	0.1	5.9	86.1	0.9		59.81	1.2	12.7			
STA. 493+95.32 TO 497+78.29	383.0	24	9191.3	1021.3			114.4	1.2	100.1	1470.6	15.3	901.25		21.3	215.7			
STA. 497+78.29 TO 510+51.52	1273.2	34	43289.8	4810.0			538.7	4.0	471.4	6926.4	50.9		4809.98	70.7	1014.1			
STA. 510+51.52 TO 605+05.55	9454.0	24	226896.7	25210.8			2823.6	29.4	2470.7	36303.5	378.2	25090.75	120	525.2	5323.7			
STA. 605+05.55 TO 605+15.55	10.0	24	240.0	26.7	26.7	20	3	0.0	2.6	38.4	0.4			0.6	5.6			
STA. 605+15.55 TO 605+55.55	40.0	24	960.0	106.7	106.7	20	11.0	0.1		153.6	1.6			2.2	12.0			
SIDEROADS																		
900N	20.0	VAR	1001.4	111.3	111.3	20.2				80.1								14
800N	0.0	0	0.0	0.0	0.0	0.0				0								0
TWP RD 800N	0.0	0	0.0	0.0	0.0	0.0				0								0
MAIN ST	0.0	0	0.0	0.0	0.0	0.0				0								0
FIRST AVE	17.0	VAR	424.3	47.2	47.2	20.0				33.9								5.9
NICHOLS ST	17.0	VAR	552.9	61.4	61.4	20.0				44.2								7.7
SECOND AVE	17.0	VAR	484.1	53.8	53.8	20.0				38.7								6.8
DIXON ST	17.0	VAR	609.4	67.7	67.7	20.0				48.7								8.5
3RD AVE	17.0	VAR	389.4	43.3	43.3	20.0				31.2								5.5
COURT ST	17.0	VAR	484.4	53.8	53.8	20.0				38.8								6.8
COMMERCIAL ST	17.0	VAR	764.3	84.9	84.9	20.0				61.1								10.7
FIFTH AVE	17.0	VAR	484.1	53.8	22.4	20.0				77.5			31.40					6.8
SOUTH ST	SEE PATCHING SCHEDULE																	
JONES ST	17.0	VAR	571.7	63.5	63.5	20.0				45.7								8
700 N (WEST)	20.0	VAR	1224.4	136.0	136.0	20.0				97.9								17.1
700 N (EAST)	20.0	VAR	733.4	81.5	81.5	20.0				58.7								10.3
400 N (WEST)	10.0	VAR	666.2	74.0	74.0	20.0				53.3				41.6				9.3
400 N (EAST)	30.0	VAR	2884.0	320.5	320.5	20.0				461.4								40.4
SUBTOTAL	30341.0	660.0	881076.6	97807.4	2124.6	576.8	10824.2	03.6	0460.9	140330.6	1203.6	82633.7	13130.1	1671.8	20378.7	41.6		157.8
SHOULDER SUBTOTAL*							2272.0			43809.0					2272.0			
ENTRANCE SUBTOTAL*					125.0		60.0			1996.0					60.0	1234.0		43.0
TOTAL					2250	577	13250		9461	187348	82634	13139	1672	22711	1276	201		

\*SEE OTHER SCHEDULES

PATCHING SCHEDULE							
LOCATION	CLASS D PATCHES, TYPE I, 8 IN	CLASS D PATCHES, 12 INCH			CLASS C PATCHES, TYPE S, 8 IN	PARTIAL DEPTH PATCHING (SPECIAL) 2.5 IN	PARTIAL DEPTH PATCHING 2.5 IN
		TYPE II	TYPE III	TYPE IV			
IL 94							
STA. 302+64.14 TO 303+09.14							
STA. 303+09.14 TO 342+95.47						8746.7	1224.5
STA. 342+95.47 TO 343+40.78				280			
STA. 343+40.78 TO 346+51.15		14.4					
STA. 346+51.15 TO 346+96.15			18				
BRIDGE OMISSION					125.7		
STA. 348+18.54 TO 348+63.54							
STA. 348+63.54 TO 350+10.44					122.3		
STA. 350+10.44 TO 354+22.18				18.4			
STA. 354+22.18 TO 362+80.06	3.3						
STA. 362+80.06 TO 369+38.03	3.3						
STA. 369+38.03 TO 382+86.11		14.4					
STA. 382+86.11 TO 401+53.42							
STA. 401+53.42 TO 403+63.37							
STA. 403+63.37 TO 481+01.66							
STA. 481+01.66 TO 484+91.50							
STA. 484+91.50 TO 490+38.09							
STA. 490+38.09 TO 490+87.90							
STA. 490+87.90 TO 491+20.46							
STA. 491+20.46 TO 491+65.46							
BRIDGE OMISSION							
STA. 492+46.46 TO 492+91.46							
STA. 492+91.46 TO 493+73.79							
STA. 493+73.79 TO 493+95.32							
STA. 493+95.32 TO 497+78.29							
STA. 497+78.29 TO 510+51.52							
STA. 510+51.52 TO 605+05.55							
STA. 605+05.55 TO 605+15.55							
STA. 605+15.55 TO 605+55.55							
TOTAL	7	29	52	402	126	8747	1225

NOTE 1: PATCHING FOR PIPE CULVERT REPLACEMENTS ASSUME PATCH IS 2 FOOT WIDER THAN THE MAX PAY WIDTH FOR TRENCH BACKFILL  
NOTE 2: LOCATIONS OF PARTIAL DEPTH PATCHING TO BE DETERMINED BY THE ENGINEER AFTER MILLING OF MAINLINE PAVEMENT

RIP RAP SCHEDULE							
LOCATION	IL 94	LENGTH (FOOT)	WIDTH (FOOT)	AREA (SQ YD)	STONE RIPRAP, CL A4 (SQ YD)	STONE RIPRAP, CL A5 (SQ YD)	FILTER FABRIC (SQ YD)
316+88	RT	35	14.5	56.4	56.4		56.4
412+85	LT	61	12.2	82.7	82.7		82.7
	RT	25	8	22.2	22.2		22.2
425+33	RT	3.6	4.5	1.8		1.8	1.8
428+44	LT	VAR	VAR	81.4	81.4		81.4
	RT	VAR	VAR	81.8	81.8		81.8
441+27	LT	6	6	4	4		4
	RT	39	9	39	39		39
480+76	LT	12.5	4.5</				

ALLEYS, ENTRANCES, AND MAILBOX TURNOUTS SCHEDULE														
LOCATION			MATERIAL	ENTRANCE AREA		SHOULDER AREA	AGGREGATE SURFACE COURSE, TYPE B	DRIVEWAY PVT REMOVAL	POLY. BIT. MATERIALS (TACK COAT)	HMA SURF REM - BUTT JOINT	*HMA SHOULDERS, 6"	POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50	INCIDENTAL HMA SURFACING	PCC DRIVEWAY PAVT, 7 IN
				AGG SQ FT	PAVT SQ FT									
IL 94														
STA.	TYPE	LT/RT												
304+07.69	FE	RT	AGG	300.0	176.0		30						2.2	
309+79.00	FE	LT	AGG	111.2	348.5		11.1						4.3	
312+26.45	PE	RT	AGG	467.6	409.1		46.8						98.3	
314+98.43	MB	LT	HMA		139.4	139.4				15.5	1.7		33.5	
315+45.21	PE	RT	AGG	125.0	640.4		12.5						153.8	
318+71.50	CE	RT	PCC		529.2			58.8						58.8
320+20.09	CE	RT	HMA		281.5			31.3						
344+44.50	FE	LT	AGG	271.0	224.0		27.1						53.8	
350+51.94	PE	RT	AGG	117.3	162.9		11.7						39.1	
351+42.49	FE	LT	AGG	356.1			35.6							
352+12.77	PE	RT	AGG	48.4	324.7		4.8						78	
366+08.38	PE	RT	AGG	201.7			20.2							
383+18.76	PE	LT	AGG											
383+87.33	PF	IT	AGG	623.2			62.3							
382+86.11	MB	RT	HMA											
383+33.80	PE	RT	AGG	244.6	683.1	683.1	24.5			75.9	8.5			
383+94.25	ALLEY	FRT	AGG											
384+94.51	MB	RT	HMA		383.7	383.7				42.6	4.8			
386+70.20	MB	RT	HMA											
386+93.21	PE	RT	AGG											
387+71.51	MB	RT	HMA	160.0	1009.3	1009.3	16			112.1	12.6			
387+94.05	ALLEY	RT	AGG											
390+25.35	MB	RT	HMA											
388+57.05	PE	RT	AGG											
387+18.19	PE	LT	HMA		59.0			6.6		14.3	6.6			
388+27.60	PE	LT	AGG	74.0			7.4							
389+00.29	PE	LT	AGG	162.4			16.2							
391+67.12	PE	LT	AGG	162.5			16.2							
391+82.25	MB	RT	HMA											
391+94.53	ALLEY	RT	AGG		843.2	843.2				93.7	10.5			
392+62.68	MB	RT	HMA											
393+07.29	MB	RT	HMA											
393+04.64	PE	LT	AGG	169.3			16.9							
394+57.49	MB	RT	HMA		234.8	234.8				26.1	2.9			
396+01.00	ALLEY	LT	HMA		207.7			23.1		40.9	23.1		2.6	
396+91.91	MB	RT	HMA		239.4	239.4				26.6	3.0			
398+57.05	PE	LT	HMA		104.2			11.6		25.1	11.6		1.3	
398+68.49	MB	RT	HMA											
398+87.09	PE	RT	HMA		356.5	356.5		22.5		85.5	39.6		4.4	
400+46.74	FE	LT	AGG	450.0			45							
401+19.13	PE	RT	HMA		72.0			8		17.3	8		0.9	
402+06.35	PE	RT	HMA											
402+24.52	MB	RT	HMA		419.5	419.5		7.6		100.7	46.6		5.2	
402+87.20	MB	RT	HMA											
407+54.73	CE	RT	HMA		474.4			52.7		113.8	52.7		5.9	
412+71.87	PE	RT	AGG	591.1			59.1	7.7						
414+34.43	PE	RT	AGG											
414+43.72	MB	RT	HMA	103.7	388.8	388.8	10.4			43.2	4.8			
414+81.10	PE	LT	AGG	371.9			37.2							
416+50.75	CE	LT	AGG	346.0			34.6							
419+21.04	FE	LT	AGG	336.5			33.7							
439+09.70	FE	RT	AGG	289.0			28.9							
452+84.09	CE	RT	AGG	356.0			35.6							
454+42.47	CE	RT	AGG	667.0			66.7							
469+53.52	FE	RT	AGG	310.5			31.0							
479+29.08	PE	RT	AGG	555.5			55.5							
479+46.16	PE	LT	AGG	690.4			69							
496+44.41	FE	LT	AGG	275.1			27.5							
518+70.61	FE	RT	AGG	317.0			31.7							
518+78.62	FE	LT	AGG	175.8			17.6							
519+98.97	PE	RT	AGG	232.6			23.3							
532+94.71	PE	LT	AGG	418.9			41.9							
539+47.84	FE	RT	AGG	230.9			23.1							
539+55.23	FE	LT	AGG	212.6			21.3							
545+00.95	PE	RT	AGG	245.4			24.5							
545+65.35	MB	LT	HMA		132.0	132.0				31.8	14.7		1.6	
562+60.44	FE	LT	AGG	235.3			23.5							
573+01.76	FE	RT	AGG	476.0			47.6							
573+90.55	FE	LT	AGG	476.0			47.6							
587+12.77	FE	RT	AGG	182.2			18.2							
596+33.24	FE	LT	AGG	194.3			19.4							
SUBTOTAL							1234.0	229.9	1996.0	133.3	536.6	60.1	43.3	58.8
<b>TOTAL</b>							<b>1234</b>	<b>230</b>	<b>1996</b>	<b>133</b>	<b>537</b>	<b>60</b>	<b>43</b>	<b>59</b>

PE = PRIVATE ENTRANCE, FE = COMMERCIAL ENTRANCE, CE = COMMERCIAL ENTRANCE, MB = MAILBOX TURNOUT  
 \*CONTINUOUS PAVED SHOULDER IF DISTANCE BETWEEN IS 50 FT OR LESS PER DISTRICT D4-406201 & D4-406301

PROJECT WIDE ITEMS						
LOCATION	MOWING	ENGR FIELD OFFICE A	MOBILIZATION	CONSTR LAYOUT	CONSTR STA LAYOUT	RAILROAD PROTECTIVE LIABILITY INSURANCE
	ACRE	CAL MO	L SUM	L SUM	L SUM	L SUM
PROJECT WIDE	5.5	8	1	1	1	1

TRAFFIC CONTROL AND PROTECTION STANDARDS						
LOCATION	TRAFFIC CONTROL & PROTECTION 701201	TRAFFIC CONTROL & PROTECTION 701306	TRAFFIC CONTROL & PROTECTION 701336	TRAFFIC CONTROL & PROTECTION 701501	TRAFFIC CONTROL & PROTECTION 701801	TRAFFIC CONTROL & PROTECTION (SPECIAL)*
	L SUM	L SUM	L SUM	L SUM	L SUM	L SUM
PROJECT WIDE	1	1	1	1	1	
BOX CULVERT REPLACEMENT STA. 424+48						1

\*SEE TRAFFIC CONTROL AND PROTECTION (SPECIAL) SCHEDULE FOR RELATED QUANTITIES

SHOULDER SCHEDULE												
LOCATION	LENGTH	WIDTH	PAVED SHOULDER REMOVAL	AGGREGATE WEDGE SHOULDER, TYPE B	*HMA SHOULDERS, 6"	*POLY. HMA SURFACE COURSE, IL-9.5, MIX "D", N50	POLY BIT MATERIALS (TACK COAT)	*MATERIAL TRANSFER DEVICE	SHOULDER RUMBLE STRIPS, 8 INCH	EXC & GR EX SHOULDER		
											FOOT	FOOT
IL 94 RT												
STA. 302+65.64	TO 342+95.47		4029.83	3.00	9.4	63	1343.3	150.4	2901.5	150.4	5985.1	40.3
STA. 342+95.47	TO 346+96.17		400.70	4.00							400.7	
BRIDGE OMISSION												
STA. 348+18.84	TO 350+10.44		191.60	4.00							217.9	
STA. 350+10.44	TO 354+22.18		411.74	3.00	6.4	137.2	15.4	296.4	15.4	301.7	4.1	
STA. 362+22.56	TO 369+82.91		760.35	3.00	11.9	253.5	28.4	547.6	28.4	734.6	7.6	
STA. 403+63.37	TO 425+88.22		2224.85	4.00	34.8	988.8	110.7	2135.8	110.7	2029.3	22.2	
STA. 426+64.93	TO 427+82.14		97.21	VAR	1.5	86.8	6.7	187.5	9.7	97.2	**	
STA. 427+82.14	TO 429+52.27		190.13	10.08		212.9	23.8	459.9	23.8	190.1	**	
STA. 429+52.27	TO 430+37.23		84.96	VAR		75.9	8.5	163.9	8.5	85.0	**	
STA. 430+37.23	TO 481+01.66		5064.43	4.00		2250.9	252.1	4861.9	252.1	4774.4	50.6	
STA. 481+01.66	TO 484+91.50		389.84	4.00		173.3	19.4	374.3	19.4	387.0	3.9	
STA. 484+91.50	TO 490+03.09		591.59	4.00	9.2	262.9	29.4	567.9	29.4	590.0	5.9	
BRIDGE OMISSION												
STA. 493+73.79	TO 497+78.29		404.50	4.00	6.3	179.8	20.1	388.4	20.1	994.4	4.0	
STA. 497+78.29	TO 510+51.52		1273.23	4.00						1217.2		
STA. 510+51.52	TO 559+23.22		4871.70	4.00	76.1	2165.2	242.5	4676.8	242.5	4642.2	48.7	
STA. 559+23.22	TO 605+55.55		4564.28	4.00	71.3	2028.6	227.2	4381.8	227.2	4437.3	45.6	
IL 94 LT												
STA. 302+62.74	TO 321+28.63		1865.89	3.00	3.8	29.2	622	69.7	1343.5	69.7	1724.7	18.7
STA. 321+28.63	TO 343+40.78		2143.32	3.00		33.5	714.4	80	1543.1			

EROSION CONTROL SCHEDULE												
LOCATION	TOPSOIL F & P 4	GRADING & SHAP DITCH (SPECIAL)	NITROGEN FERT NUTR	PHOSPHORU S FERT NUTR	POTASSIUM FERT NUTR	SEEDING, CL 2A		PERIMETER EROS BAR	EROS CONTR BLANKET	TEMP EROS SEEDING	TEMP DITCH CHECKS	INLET AND PIPE PROTECT
	SQ YD	FOOT	POUND	POUND	POUND	SQ FT	ACRE	FT	SQ YD	POUND	FOOT	EACH
IL 94												
STA.	LT/RT											
316+00.00	RT											1
376+49	LT											1
	RT											1
394+15	LT											1
	RT											1
394+18	LT	24.7	30.0	0.5	0.5	222.0	0.01	15.0	24.7	0.5		
	RT	19.0	25.0	0.4	0.4	170.8	0.00	20.0	19.0	0.4		1
412+85	LT							90.0				
	RT	22.4	40.0	0.4	0.4	202.0	0.00		22.4	0.5		1
425+23	LT	38.3	40.0	0.7	0.7	344.5	0.01		38.3	0.8		1
	RT							40.0			12.0	
428+44	LT	478.3		8.9	8.9	4304.3	0.10		478.3	9.9	31.0	
	RT	736.1		13.7	13.7	6625.0	0.15		736.1	15.2	31.0	
430+57	RT											1
441+27	LT	39.9	40.0	0.7	0.7	358.7	0.01	50.0	39.9	0.8	12.0	
	RT	56.5	70.0	1.1	1.1	508.5	0.01		56.5	1.2		1
480+76	LT	36.9	40.0	0.7	0.7	331.9	0.01	50.0	36.9	0.8	12.0	
	RT	44.6	45.0	0.8	0.8	401.0	0.01		44.6	0.9		1
504+68	LT											
	RT							40.0				
517+49	LT	38.4	40.0	0.7	0.7	345.6	0.01	50.0	38.4	0.8		
	RT	32.1	40.0	0.6	0.6	289.0	0.01		32.1	0.7		1
520+19	LT	38.4	40.0	0.7	0.7	345.6	0.01	50.0	38.4	0.8		
	RT	30.6	35.0	0.6	0.6	275.6	0.01		30.6	0.6		1
542+40	LT	19.0	20.0	0.4	0.4	171.3	0.00		19.0	0.4		1
	RT											
571+84	LT	30.4	40.0	0.7	0.7	346.0	0.01		38.4	0.8		
	RT	33.0	40.0	0.6	0.6	296.6	0.01	50.0	33.0	0.7		1
<b>TOTAL</b>		<b>1726</b>	<b>585</b>	<b>32</b>	<b>32</b>	<b>32</b>	<b>0.50</b>	<b>455</b>	<b>1726</b>	<b>36</b>	<b>98</b>	<b>14</b>

EARTHWORK SCHEDULE - CROSS SECTIONS STA. 427+00 TO 430+50						
STA.	CUT AREA (SQ FT)	FILL AREA (SQ FT)	EARTH EX CUT VOL (CU YD)	EARTH EX ADJ (25% SHRINKAGE)	FILL VOL (CU YD)	BALANCE WASTE (+) SHORTAGE (-)
427+00.00	18.34	13.53	0.0	0	0	0
427+25.00	10.90	26.73	13.5	10.1	18.6	-8.5
427+50.00	22.09	43.95	15.3	11.5	32.7	-21.2
427+75.00	40.68	44.63	29.1	21.8	41	-19.2
428+00.00	44.65	34.05	39.5	29.6	36.4	-6.8
428+17.42	115.67	34.64	51.7	38.8	22.2	16.6
428+25.00	103.09	40.88	30.7	23	10.6	12.4
428+50.00	113.18	19.35	100.1	75.1	27.9	47.2
428+66.55	76.44	36.07	58.1	43.6	17	26.6
428+75.00	64.83	32.29	22.1	16.6	10.7	5.9
429+00.00	28.10	17.27	43.0	32.3	22.9	9.4
429+25.00	19.22	10.94	21.9	16.4	13.1	3.3
429+50.00	12.71	10.42	14.8	11.1	9.9	1.2
429+75.00	11.34	7.11	11.1	8.3	6.1	0.2
430+00.00	13.26	6.32	11.4	8.6	6.2	2.4
430+25.00	15.44	9.55	13.3	10	7.3	2.7
430+50.00	14.45	5.63	13.8	10.4	7	3.4
<b>TOTAL</b>			<b>490</b>	<b>365</b>	<b>290</b>	<b>75</b>

CONCRETE GUTTER SCHEDULE			
LOCATION	CONC GUTTER TY A (SPECIAL)	CL SI CONC OUTLET (SPECIAL)	IN TY B, T9 F&G
	FOOT	CU YD	EACH
IL 94			
STA.	LT/RT		
429+52 TO 430+37	RT	73.1	1.2
<b>Total</b>		<b>73</b>	<b>1.2</b>

ISLAND SCHEDULE						
LOCATION	MEDIAN REMOVAL	CONC MEDIAN SURF 4 IN	CCC&G M4.06	CCC&G M4.24	REM&REL SGN PNL A TA	COARSE AGG
	SQ FT	SQ FT	FT	FT	EACH	TON
400 N East Leg	188.9	78.0	12.7	29.0	1.0	3.0
<b>TOTAL</b>	<b>189.0</b>	<b>78.0</b>	<b>12.5</b>	<b>29.0</b>	<b>1.0</b>	<b>3.0</b>

DRAINAGE SCHEDULE																					
LOCATION	PIPE CULVERT REMOVAL	PIPE CULVERT REMOVAL (SPECIAL)	REVTMENT MAT REMOVAL	REM EXIST STRUCT NO. 1	REM EXIST STRUCT NO. 2	TRENCH BACKFILL	PRC FLAR END SEC 18	END SECTION 18 (SPECIAL)	PRC FLAR END SEC 30	P CUL CL A 1 18	P CUL CL A 1 30	CUR-IN-PL PIPE LNR 18	BOX CUL TO BE CLEANED	CONN EX DRG STRUCTURE	MANHOLES TO BE ADJ	DRAIN STR TO BE CLEANED	REINFORCEMENT BARS	EXPAN BOLTS 3/4	CONCRETE COLLAR	PRC FLAR END SEC 15	P CUL CL A 1 15
	FOOT	FOOT	SQ YD	EACH	EACH	CU YD	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	EACH	EACH	EACH	POUND	EACH	CU YD	EACH	FOOT
IL 94																					
375+53.00	RT															1					
376+33.33	CL														1						
376+49.00	LT															1					
	RT															1					
376+88	CL														1						
377+25.00	RT															1					
394+18	LT	43				12	1			30											
	RT						1														
412+85	LT		8.25	26.7				1		4							20	4	0.3		
	RT		8.25	23				1		4							20	4	0.3		
425+23	LT											49.9									
	RT																				
428+44	LT				1																
	RT																				
428+81 TO 429+49	RT						1			64											
429+49 TO 430+57	RT							1		100											
441+27	LT		8.25						1		4						20	4	0.3		
	RT		8.25		1				1		4						20	4	0.3		
480+76	LT	46				18.7				34											
	RT																				
504+68	LT												56.3								
	RT																				
517+49	LT		8.25						1		4						20	4	0.3		
	RT		8.25						1		4						20	4	0.3		
520+19	LT		8.25						1		4						37	4	3.4		
	RT		8.25						1		4						37	4	3.4		
542+40	LT													1							
	RT																				
571+84	LT	44				4.6				34											
	RT																				
426+55	LT	50				16.6														2	50
<b>Total</b>		<b>183</b>	<b>66</b>	<b>50</b>	<b>1</b>	<b>1</b>	<b>52</b>	<b>7</b>	<b>1</b>	<b>8</b>	<b>262</b>	<b>32</b>	<b>50</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>190</b>	<b>32</b>	<b>9</b>	<b>2</b>	<b>50</b>

SHORT TERM PAVEMENT MARKING SCHEDULE				
LOCATION	TOTAL LENGTH	NO. APPLICATIONS	SHORT TERM PAVT MARKING	SHORT TERM PAVT MARKING REMOVAL
			FOOT	SQ FT
IL 94				
CENTERLINE	30088.1	5	15044.1	5014.7
<b>SUBTOTAL</b>			<b>15044.1</b>	<b>5014.7</b>
<b>TOTAL</b>			<b>15044</b>	<b>5015</b>

MODEL - Schedule-3 (Sheet)  
FILE NAME: c:\p\work\proj\_main\oms55119\10468K14-sh-schedule3.dgn



USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
SCHEDULES OF QUANTITIES

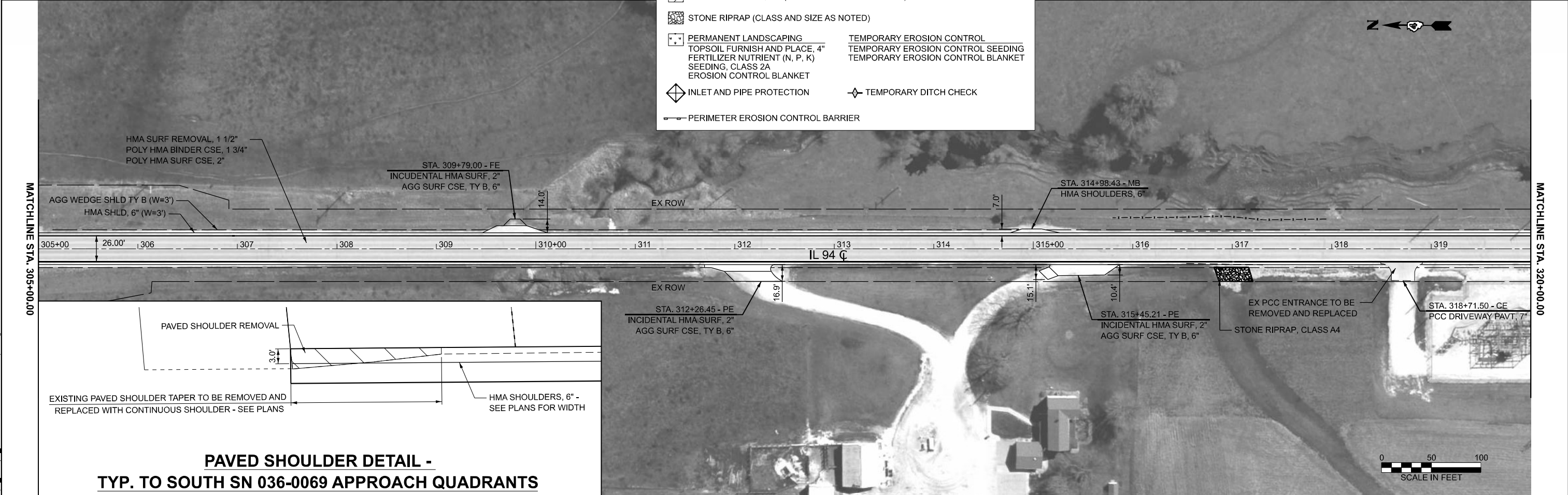
SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	21
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENT (N, P, K) SEEDING, CLASS 2A EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL TOPSOIL FURNISH AND PLACE, 4" TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER



**PAVED SHOULDER DETAIL -  
TYP. TO SOUTH SN 036-0069 APPROACH QUADRANTS**

MODEL: IL 94\_V1 - Plan 1 (Sheet)  
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	USER NAME = TravisW	DESIGNED -	REVISED -
		DRAWN -	REVISED -
		CHECKED -	REVISED -
	PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
PLAN SHEETS**

SCALE: 1"=50'    SHEET 1    OF 12 SHEETS    STA. 290+00.08    TO STA. 320+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	22
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



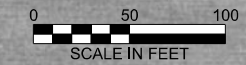
MATCHLINE STA. 320+00.00

MATCHLINE STA. 335+00.00



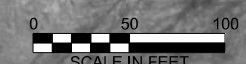
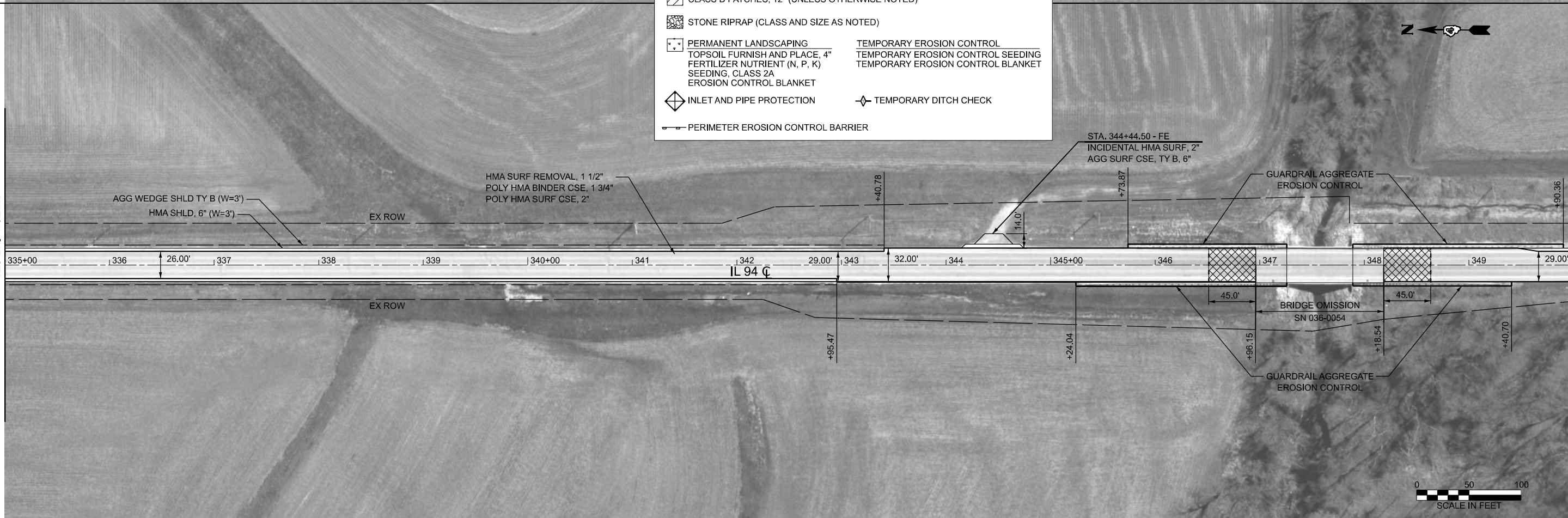
**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING TOPSOIL FURNISH AND PLACE, 4" FERTILIZER NUTRIENT (N, P, K) SEEDING, CLASS 2A EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL TEMPORARY EROSION CONTROL SEEDING TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER



MATCHLINE STA. 335+00.00

MATCHLINE STA. 350+00.00



MODEL: IL 94\_V1 - Plan 3 (Sheet)  
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USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
PLAN SHEETS

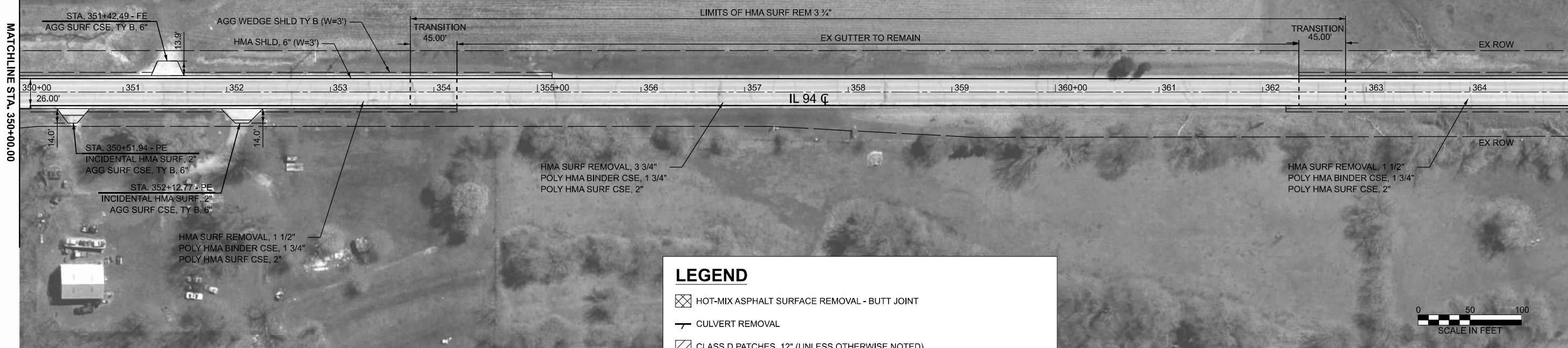
SCALE: 1"=50' SHEET 2 OF 12 SHEETS STA. 320+00.08 TO STA. 350+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	23
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



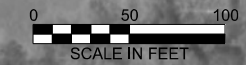
MATCHLINE STA. 350+00.00

MATCHLINE STA. 365+00.00



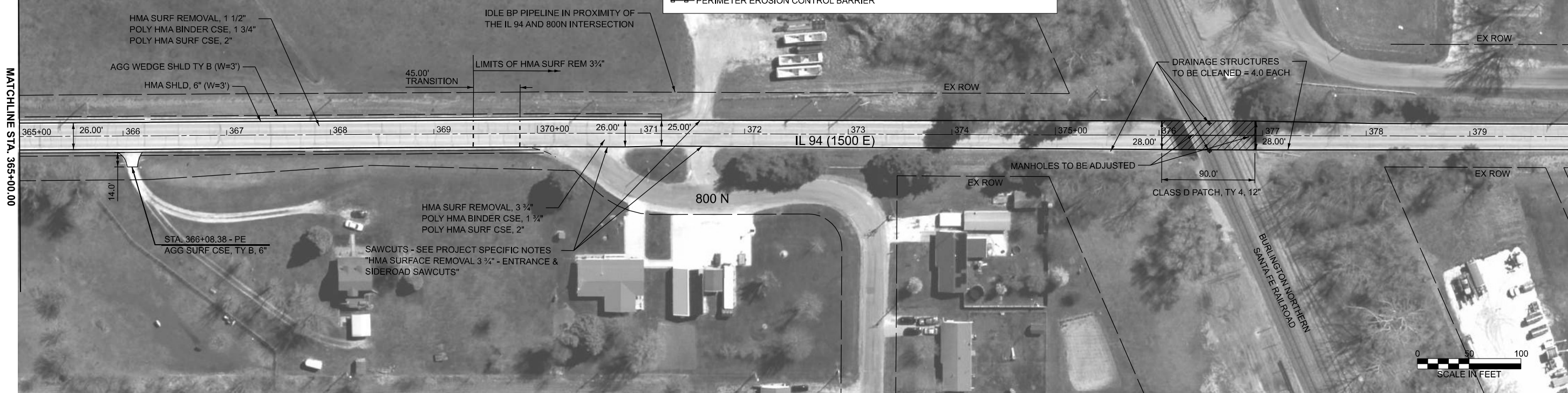
**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
TOPSOIL FURNISH AND PLACE, 4"  
FERTILIZER NUTRIENT (N, P, K)  
SEEDING, CLASS 2A  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER



MATCHLINE STA. 365+00.00

MATCHLINE STA. 380+00.00



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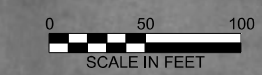
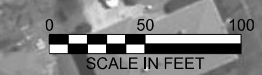
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
PLAN SHEETS**

SCALE: 1"=50'    SHEET 3    OF 12 SHEETS    STA. 350+00.08    TO STA. 380+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	24
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

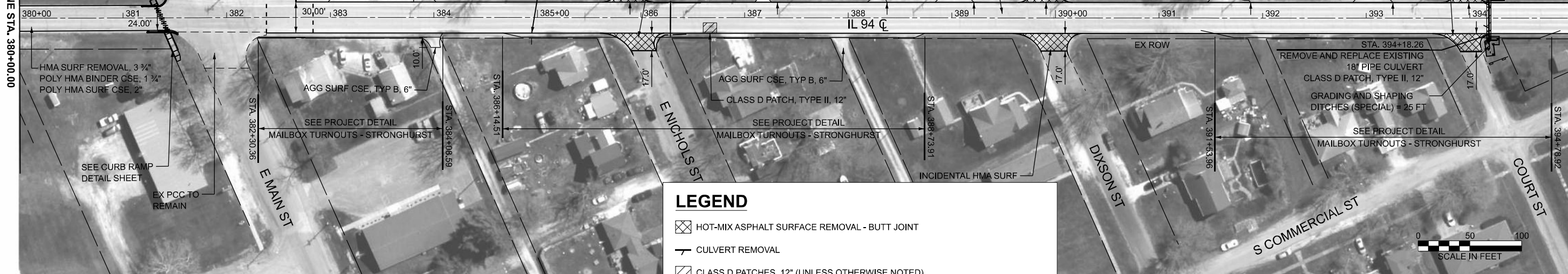


LOCATION	DESCRIPTION	DIAM (IN)	PROPOSED CULVERT DETAILS						PIPE LENGTH (FT)	SLOPE	TBF (CU YD)
			UPSTREAM INVERT*			DOWNSTREAM INVERT*					
			STA	OFF.	INVERT	STA	OFF.	INVERT			
394+18.26	P CUL CL A TY 1	18	394+18.3	21.1 RT	675.55	394+18.3	21.1 LT	674.8	30.1	1.8%	12

\*AT END OF PROPOSED END SECTION SAWCUT - SEE PROJECT SPECIFIC NOTES  
 "HMA SURFACE REMOVAL 3 3/4" - ENTRANCE & SIDEROAD SAWCUTS"

MATCHLINE STA. 380+00.00

MATCHLINE STA. 395+00.00



### LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
TOPSOIL FURNISH AND PLACE, 4"  
FERTILIZER NUTRIENT (N, P, K)  
SEEDING, CLASS 2A  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL  
TEMPORARY EROSION CONTROL SEEDING  
TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER

MATCHLINE STA. 395+00.00

MATCHLINE STA. 410+00.00



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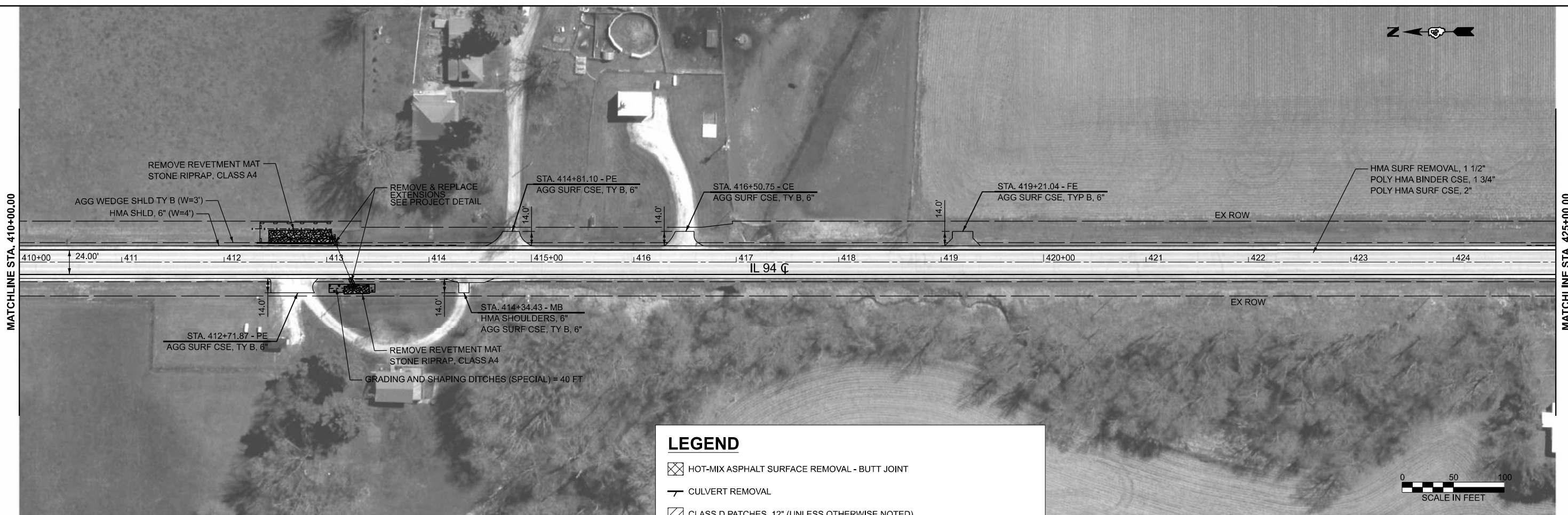
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
 PLAN SHEETS**

SCALE: 1"=50'    SHEET 4    OF 12 SHEETS    STA. 380+00.08    TO STA. 410+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	25
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



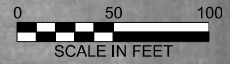
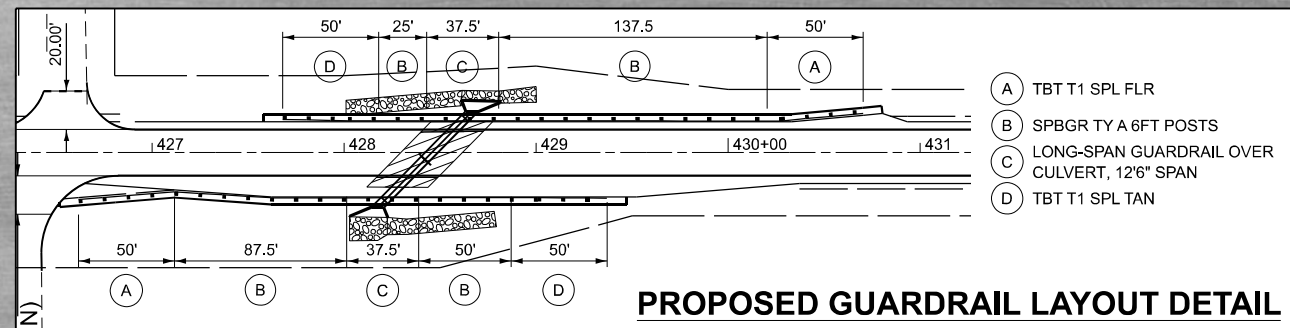
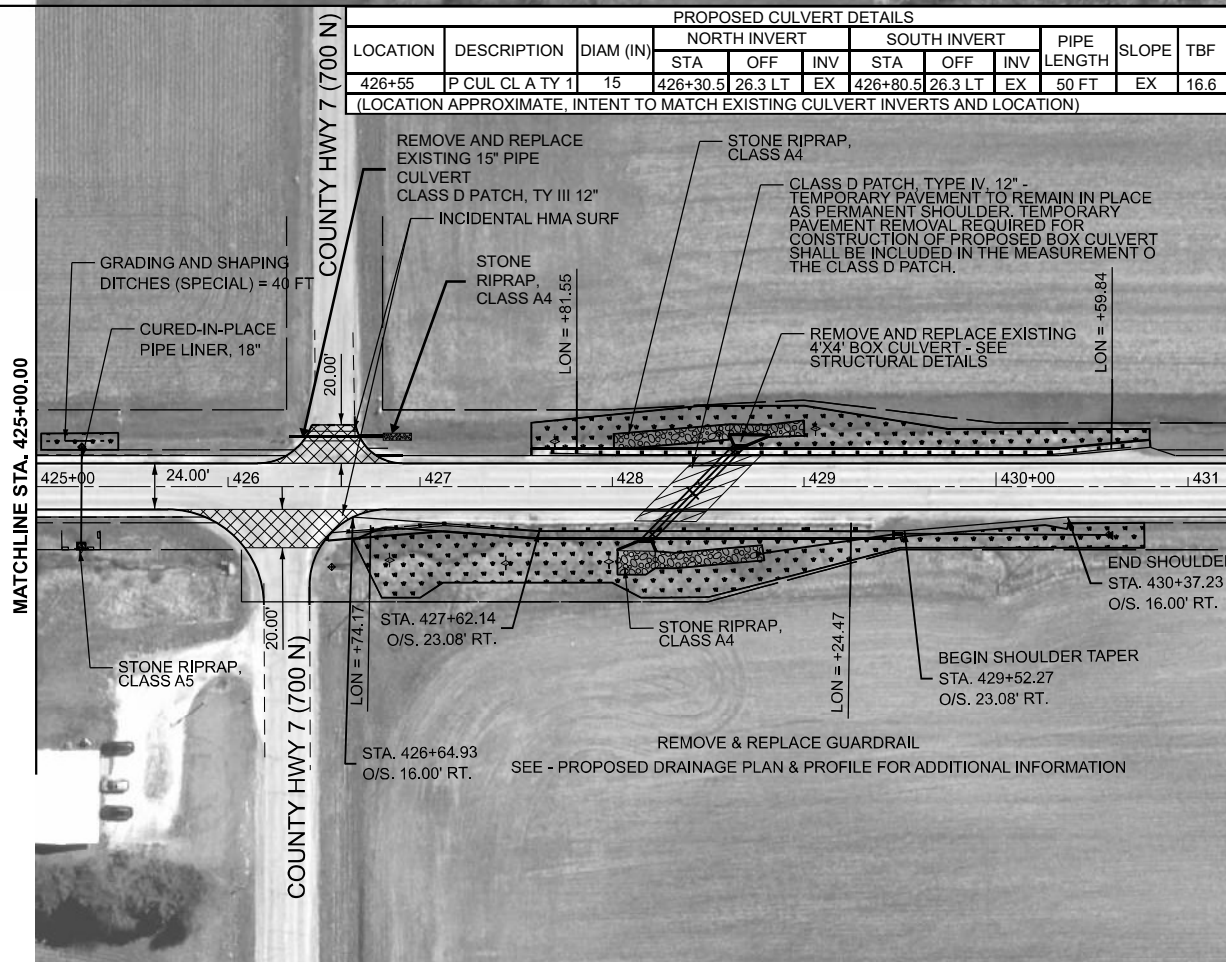
### LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
TOPSOIL FURNISH AND PLACE, 4"  
FERTILIZER NUTRIENT (N, P, K)  
SEEDING, CLASS 2A  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL  
TEMPORARY EROSION CONTROL SEEDING  
TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER



PROPOSED CULVERT DETAILS											
LOCATION	DESCRIPTION	DIAM (IN)	NORTH INVERT			SOUTH INVERT			PIPE LENGTH	SLOPE	TBF
			STA	OFF	INV	STA	OFF	INV			
426+55	P CUL CL A TY 1	15	426+30.5	26.3 LT	EX	426+80.5	26.3 LT	EX	50 FT	EX	16.6

(LOCATION APPROXIMATE, INTENT TO MATCH EXISTING CULVERT INVERTS AND LOCATION)

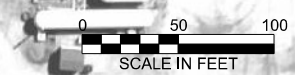
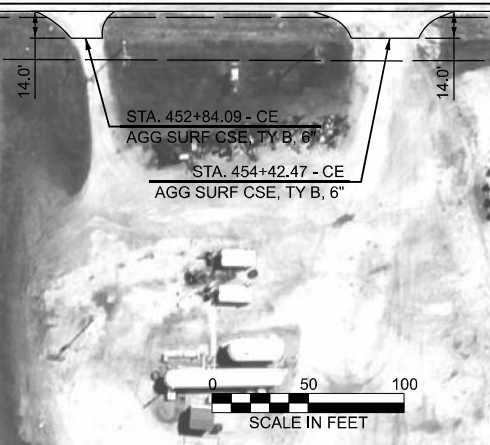
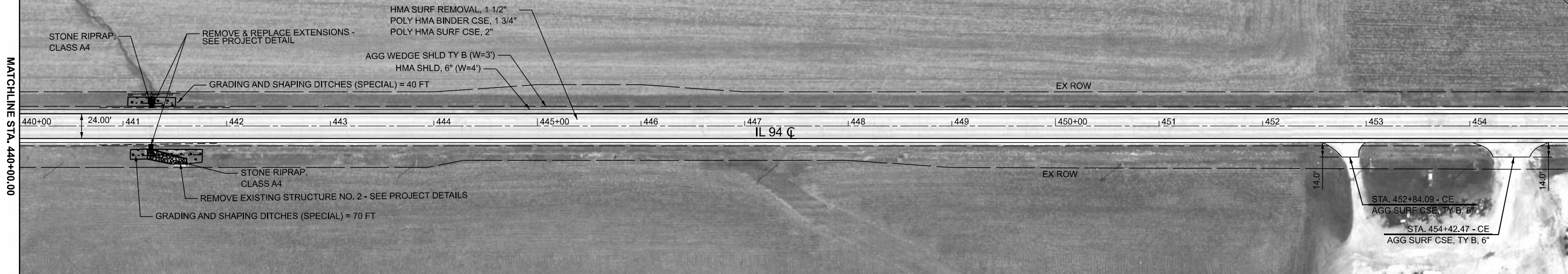


MODEL: IL 94\_V1 - Plan 9 (Sheet)  
FILE NAME: c:\p\work\p\main\oms55119\0468K14-shit-plan.dgn



MATCHLINE STA. 440+00.00

MATCHLINE STA. 455+00.00

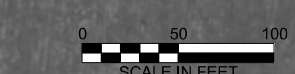


**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
TOPSOIL FURNISH AND PLACE, 4"  
FERTILIZER NUTRIENT (N, P, K)  
SEEDING, CLASS 2A  
EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL  
TOPSOIL FURNISH AND PLACE, 4"  
TEMPORARY EROSION CONTROL SEEDING  
TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER

MATCHLINE STA. 455+00.00

MATCHLINE STA. 470+00.00



MODEL: IL 94\_v1 - Plan 11 (Sheet)  
FILE NAME: c:\p\work\pw\_main\coms55119\D468K14-shit-plan.dgn



USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
PLAN SHEETS

SCALE: 1"=50' SHEET 6 OF 12 SHEETS STA. 440+00.08 TO STA. 470+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	27
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

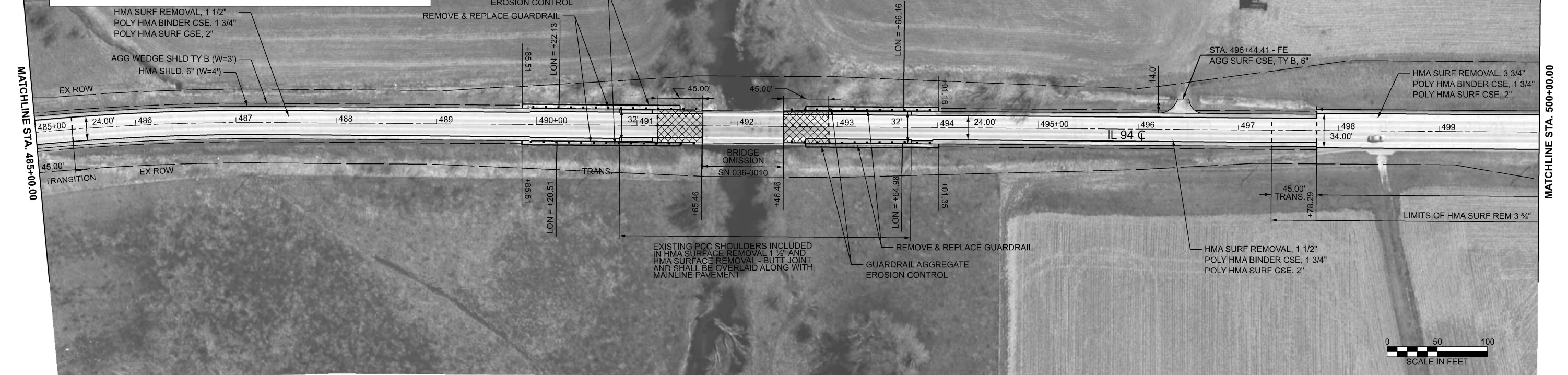
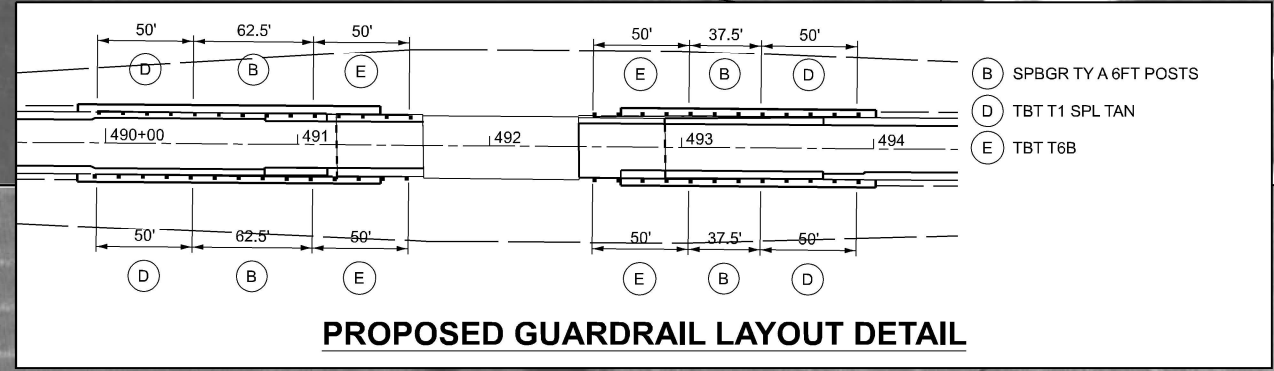
LOCATION	DESCRIPTION	DIAM (IN)	PROPOSED CULVERT DETAILS			PIPE LENGTH (FT)	SLOPE	TBF (CU YD)			
			UPSTREAM INVERT*		DOWNSTREAM INVERT*						
STA.	OFF.	INVERT	STA.	OFF.	INVERT						
480+76	P CUL CL A TY 1	18	480+76.3	22.3 RT	719.52	480+75.9	23.9 LT	717.13	34	5.2%	18.7

(INTENT TO MATCH EXISTING)



### LEGEND

	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
	CULVERT REMOVAL
	CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
	STONE RIPRAP (CLASS AND SIZE AS NOTED)
	PERMANENT LANDSCAPING
	TEMPORARY EROSION CONTROL
	TOPSOIL FURNISH AND PLACE, 4"
	FERTILIZER NUTRIENT (N, P, K) SEEDING, CLASS 2A
	EROSION CONTROL BLANKET
	INLET AND PIPE PROTECTION
	TEMPORARY DITCH CHECK
	PERIMETER EROSION CONTROL BARRIER



MODEL: IL94\_v1 - Plan 13 (Sheet)  
 FILE NAME: c:\pwworking\terra\main\oms55119\468K14-sht-plan.dgn



USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

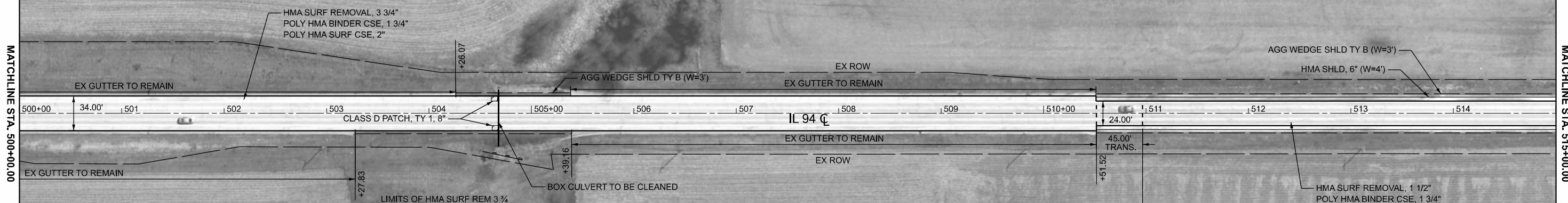
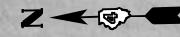
**IL RTE 94**  
**PLAN SHEETS**

SCALE: 1"=50'    SHEET 7    OF 12 SHEETS    STA. 470+00.08    TO STA. 500+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	28

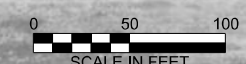
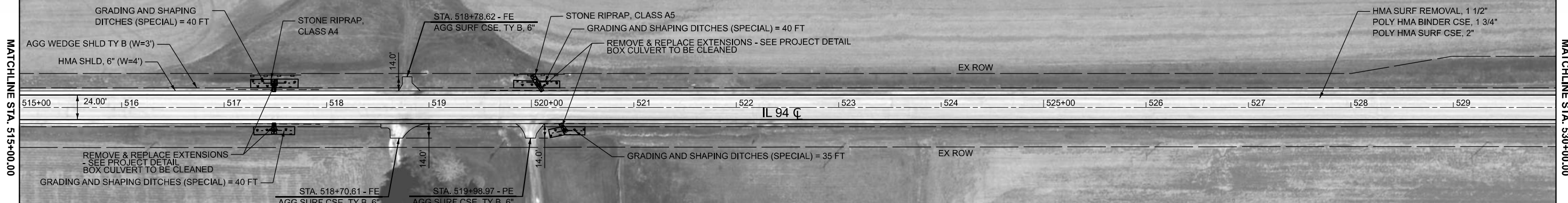
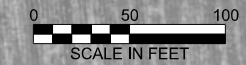
CONTRACT NO. 68K14

ILLINOIS FED. AID PROJECT



### LEGEND

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
TOPSOIL FURNISH AND PLACE, 4"  
FERTILIZER NUTRIENT (N, P, K)  
SEEDING, CLASS 2A  
EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER
- TEMPORARY EROSION CONTROL  
TOPSOIL FURNISH AND PLACE, 4"  
TEMPORARY EROSION CONTROL SEEDING  
TEMPORARY EROSION CONTROL BLANKET



MODEL: IL 94\_V1 - Plan 15 (Sheet)  
FILE NAME: c:\p\work\p\main\oms55119\D468K14-shit-plan.dgn



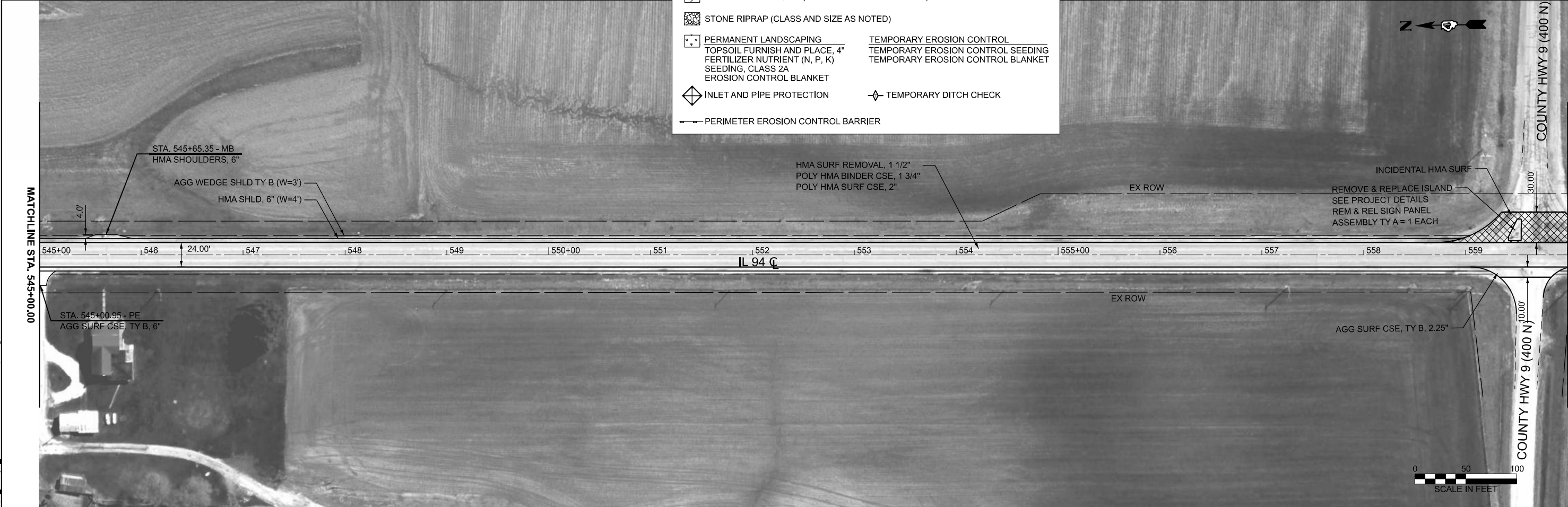
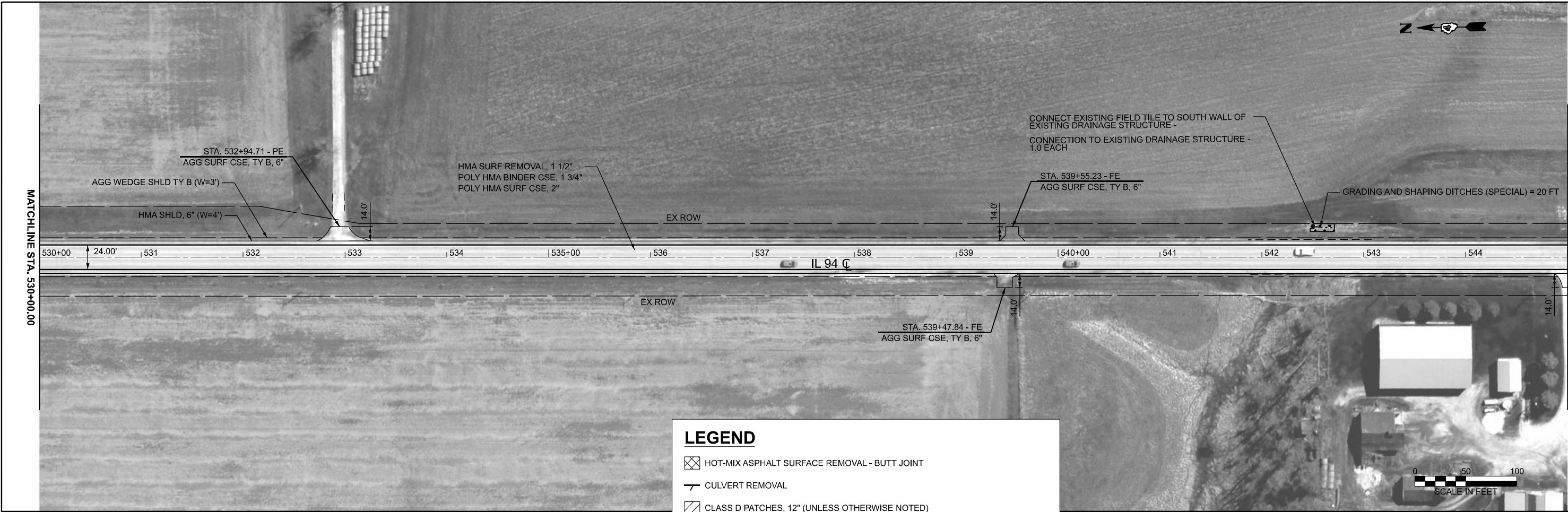
USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
PLAN SHEETS**

SCALE: 1"=50'    SHEET 8    OF 12 SHEETS    STA. 500+00.08    TO STA. 530+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	29
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



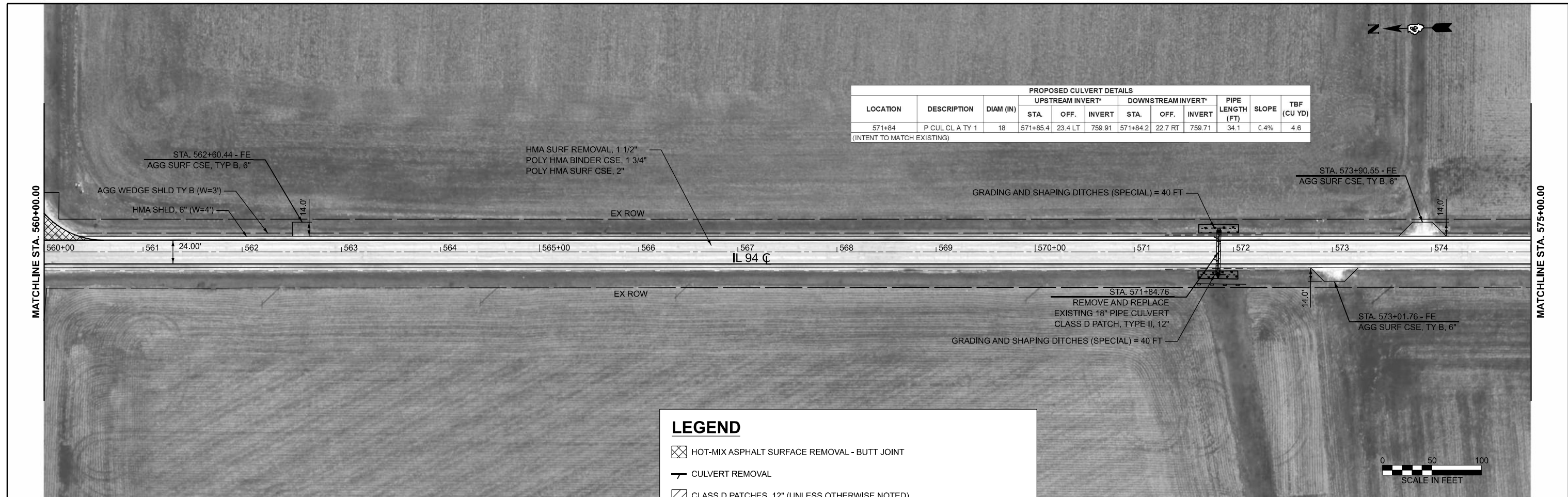
**LEGEND**

	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT		
	CULVERT REMOVAL		
	CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)		
	STONE RIPRAP (CLASS AND SIZE AS NOTED)		
	PERMANENT LANDSCAPING	TEMPORARY EROSION CONTROL	
	TOPSOIL FURNISH AND PLACE, 4"	TEMPORARY EROSION CONTROL SEEDING	
	FERTILIZER NUTRIENT (N, P, K)	TEMPORARY EROSION CONTROL BLANKET	
	SEEDING, CLASS 2A		
	EROSION CONTROL BLANKET		
	INLET AND PIPE PROTECTION		TEMPORARY DITCH CHECK
	PERIMETER EROSION CONTROL BARRIER		

MODEL: IL 94 - Plan 17 (Sheet)  
FILE NAME: c:\p\work\p\main\oms55119\D468K14-shit-plan.dgn

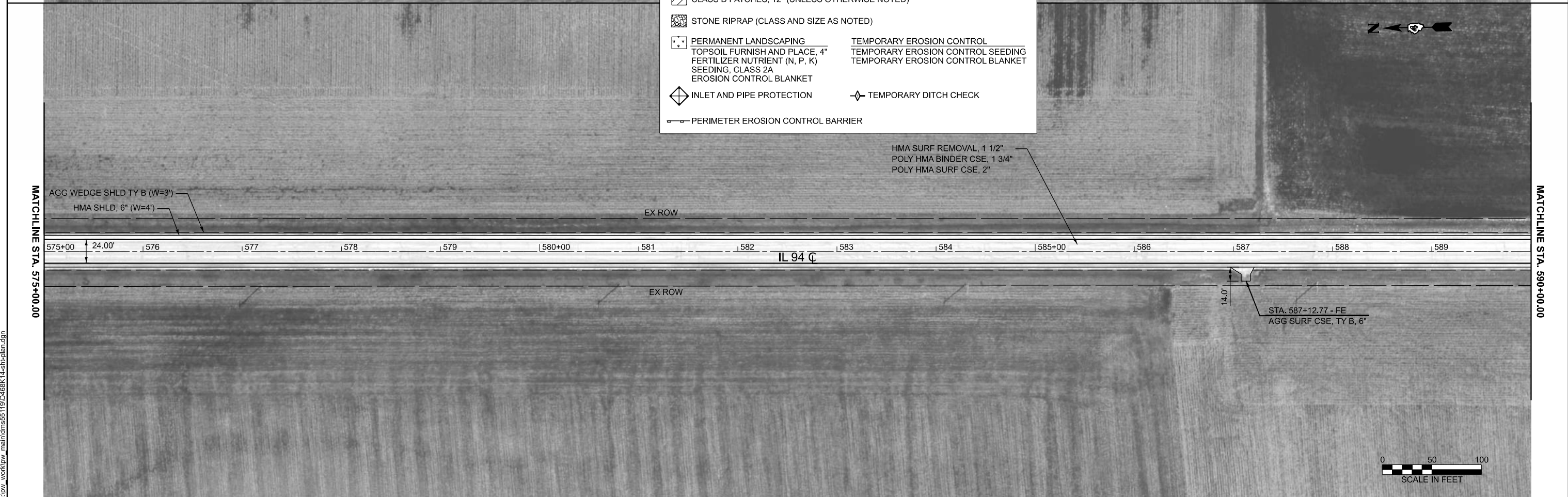
	USER NAME = TravisW	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 94</b> <b>PLAN SHEETS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT DATE = 3/18/2026	CHECKED -	REVISED -					534	111RS-5	HENDERSON	75	30
					SCALE: 1"=50'	SHEET 9	OF 12 SHEETS	STA. 530+00.08	TO STA. 560+00.08	CONTRACT NO. 68K14		
											ILLINOIS FED. AID PROJECT	

MODEL: IL 94 - Plan 19 (Sheet)  
 FILE NAME: c:\p\work\p\main\oms55119\D468K14-shit-plan.dgn



**LEGEND**

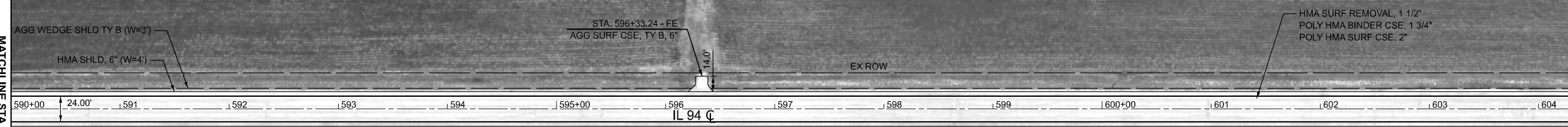
- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING  
 TOPSOIL FURNISH AND PLACE, 4"  
 FERTILIZER NUTRIENT (N, P, K)  
 SEEDING, CLASS 2A  
 EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL  
 TEMPORARY EROSION CONTROL SEEDING  
 TEMPORARY EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER





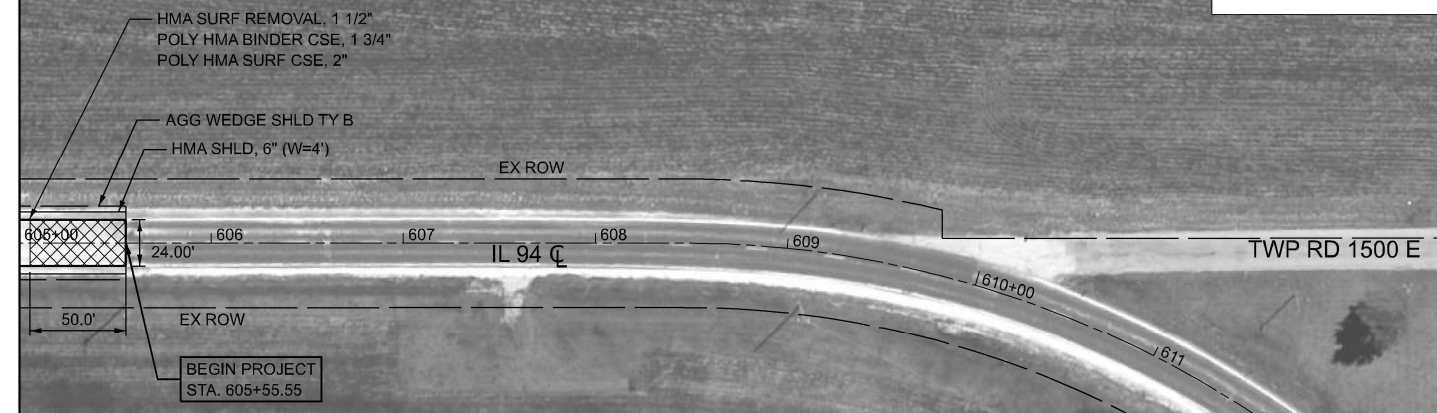
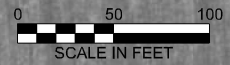
MATCHLINE STA. 590+00.00

MATCHLINE STA. 605+00.00



**LEGEND**

- HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT
- CULVERT REMOVAL
- CLASS D PATCHES, 12" (UNLESS OTHERWISE NOTED)
- STONE RIPRAP (CLASS AND SIZE AS NOTED)
- PERMANENT LANDSCAPING
- TEMPORARY EROSION CONTROL
- TOPSOIL FURNISH AND PLACE, 4"
- TEMPORARY EROSION CONTROL SEEDING
- FERTILIZER NUTRIENT (N, P, K)
- TEMPORARY EROSION CONTROL BLANKET
- SEEDING, CLASS 2A
- EROSION CONTROL BLANKET
- INLET AND PIPE PROTECTION
- TEMPORARY DITCH CHECK
- PERIMETER EROSION CONTROL BARRIER



MODEL: IL94\_v1 - Plan 21 (Sheet)  
FILE NAME: c:\pw\work\pw\_main\doms55119\468K14-sh1-plan.dgn



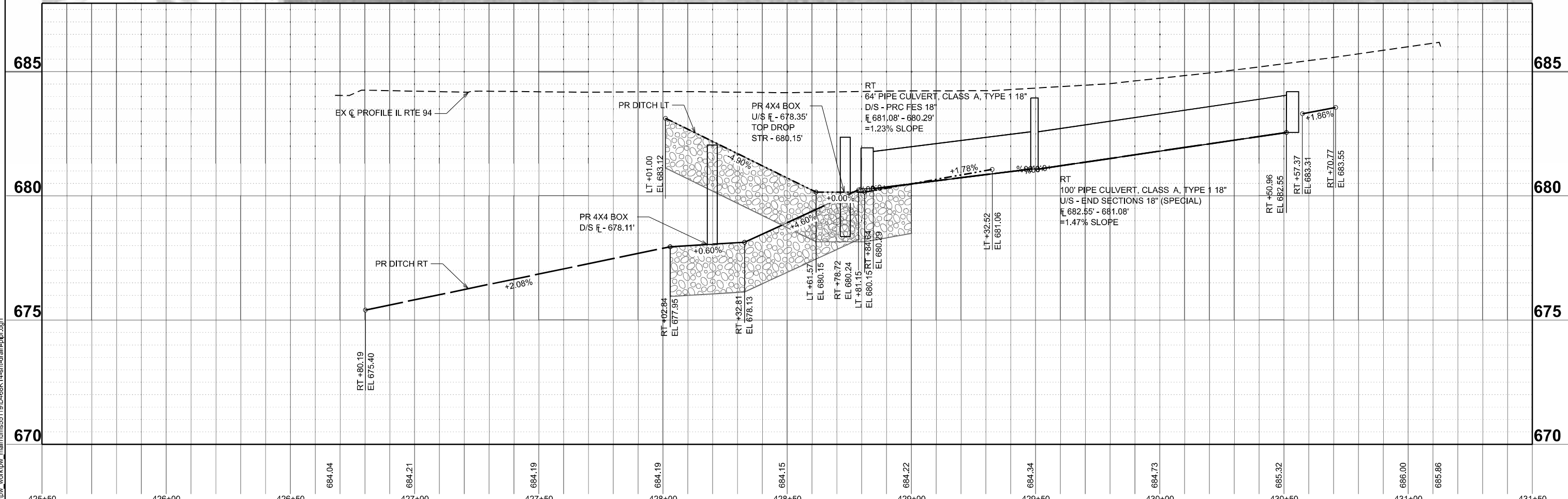
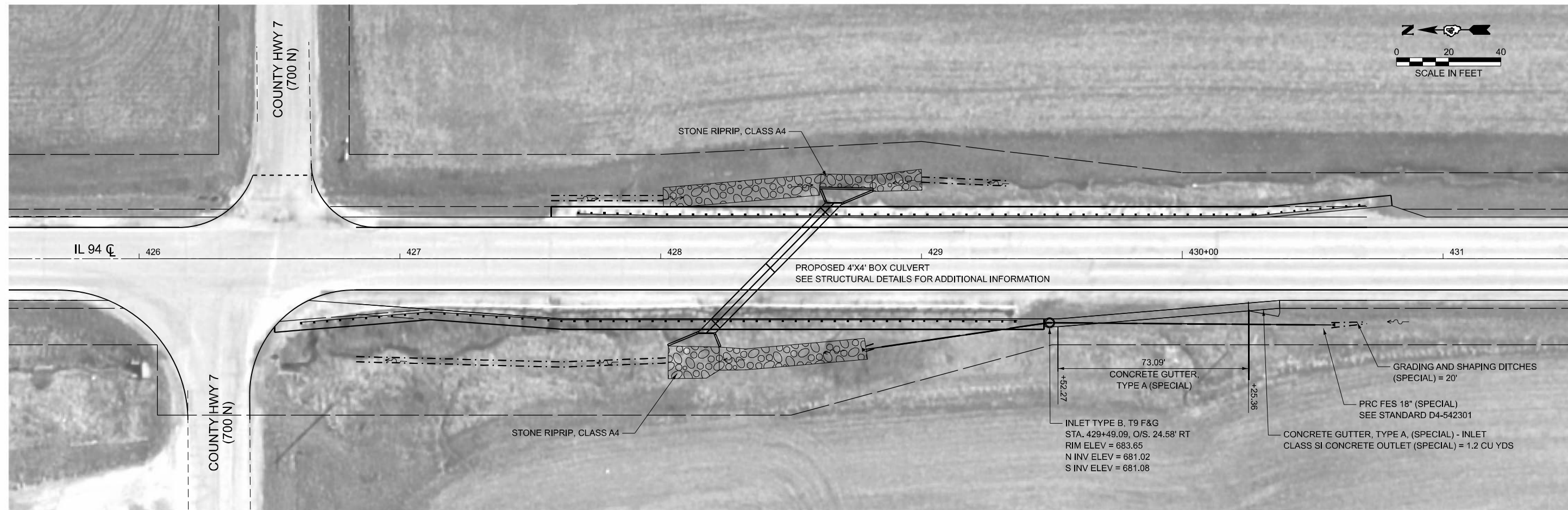
USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
PLAN SHEETS**

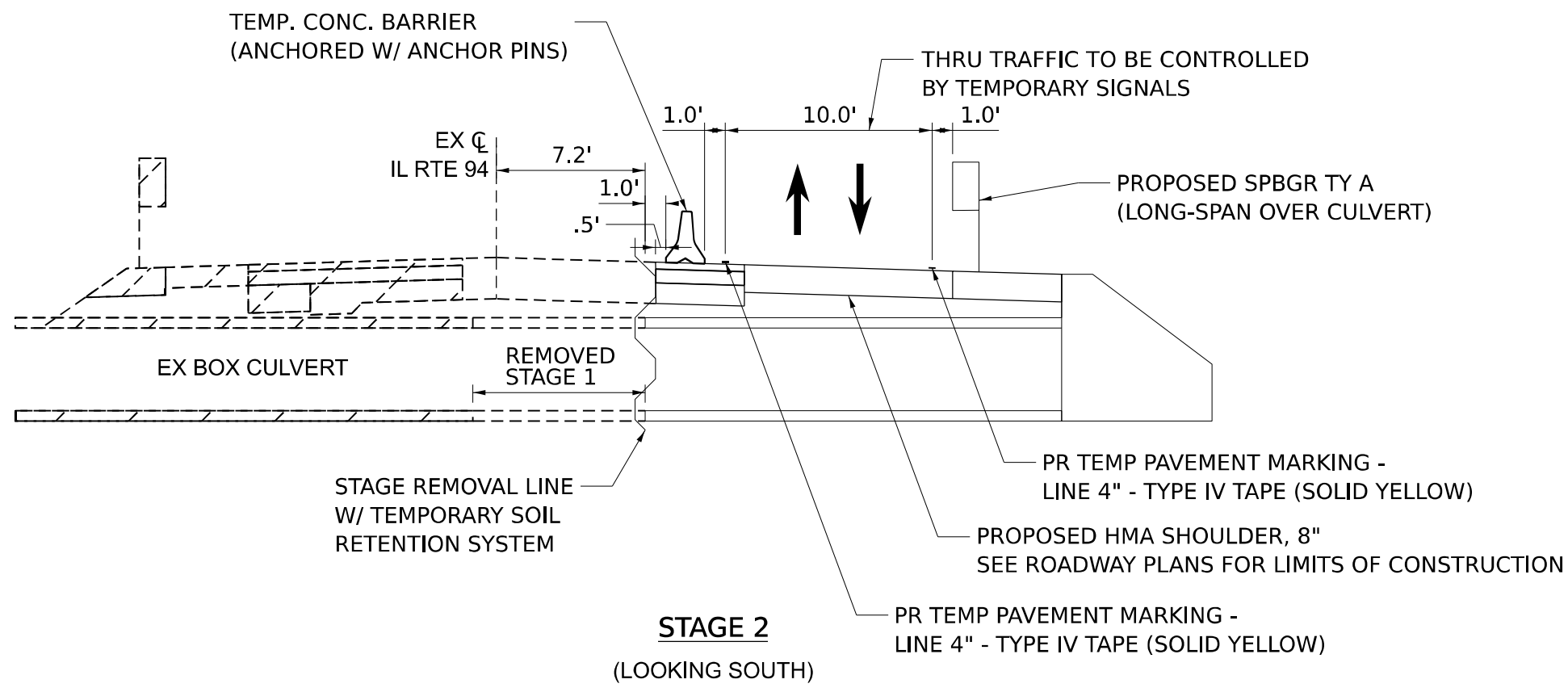
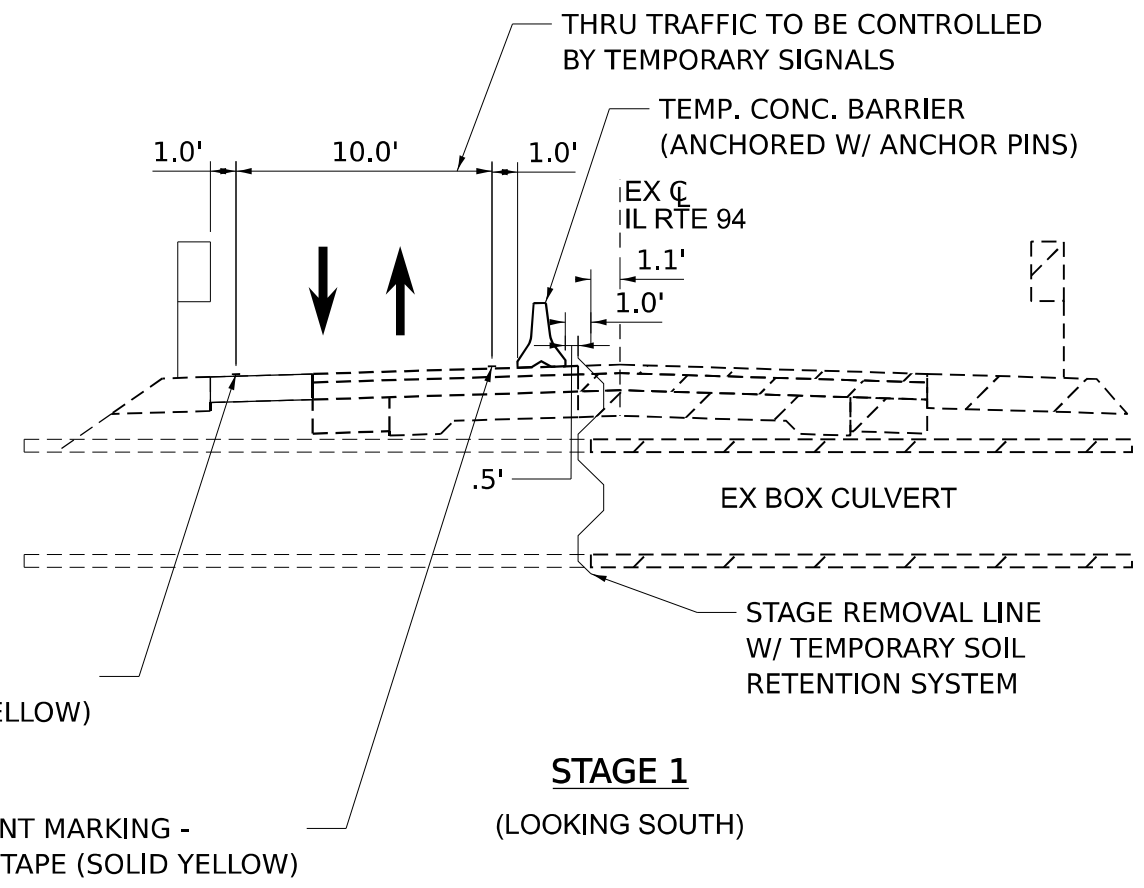
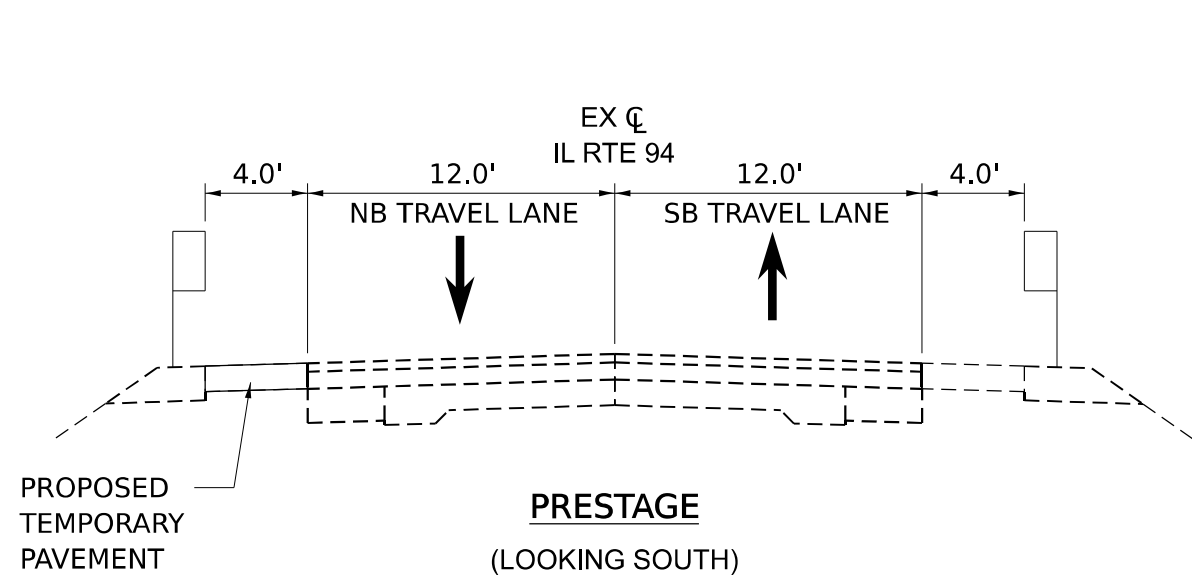
SCALE: 1"=50'    SHEET 11 OF 12 SHEETS    STA. 590+00.08 TO STA. 620+00.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	32
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



MODEL: EXH1 - Plan 1 (Sheet)  
 FILE NAME: c:\p\work\paw\_maint\oms55119\1468814-sh-drain-plr.dgn

	USER NAME = TravisW PLOT DATE = 3/12/2026	DESIGNED - DRAWN - CHECKED - DATE -	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL RTE 94</b> <b>DRAINAGE PLAN AND PROFILE</b>	SCALE: 1"=20' SHEET 12 OF 12 SHEETS STA. 425+50.00 TO STA. 431+50.00	F.A.P. RTE. 534 SECTION 111RS-5 COUNTY HENDERSON TOTAL SHEETS 75 SHEET NO. 33 CONTRACT NO. 68K14 ILLINOIS FED. AID PROJECT
--	--	--	--	---	--	--	--



**LEGEND**

	EXISTING CONDITIONS
	EXISTING CONDITIONS TO BE REMOVED
	PROPOSED CONDITIONS

MODEL: Type-Staging-1 (Sheet)  
 FILE NAME: c:\p\work\p\main\oms55119\1468K14-sh-hy-staging.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

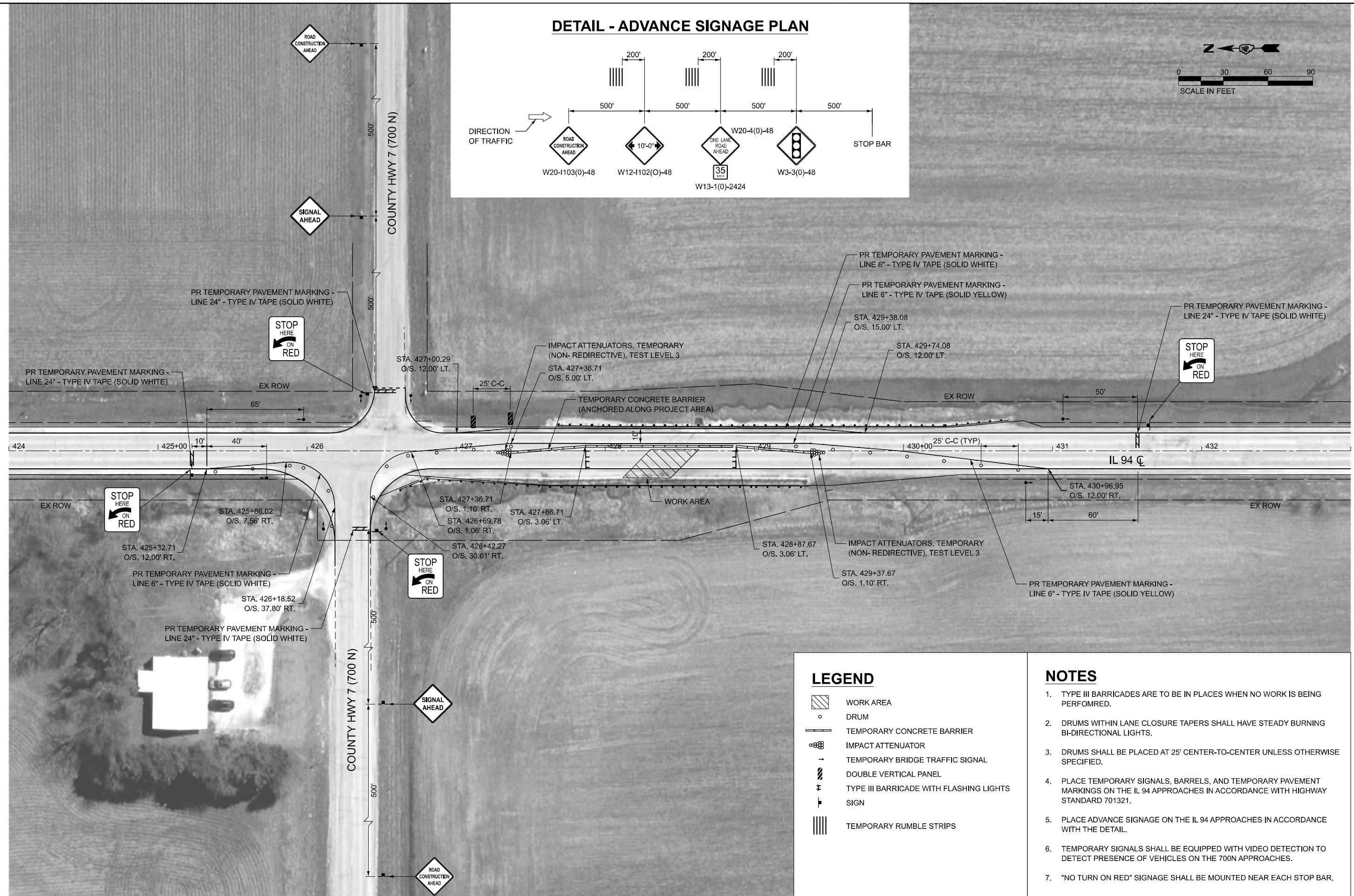
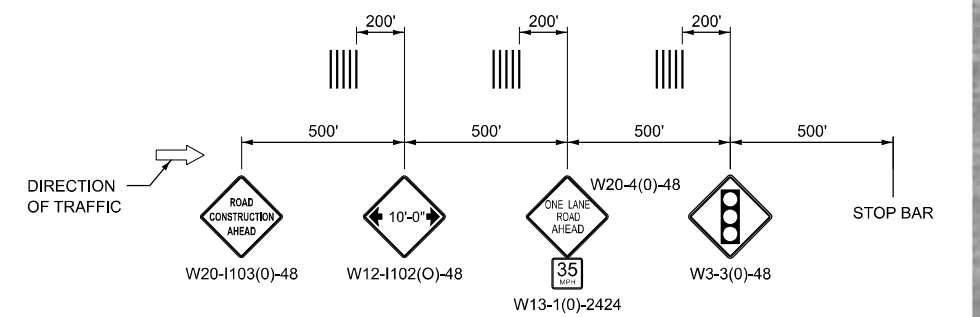
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, SPECIAL**  
**STAGING TYPICAL SECTIONS**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	34
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**DETAIL - ADVANCE SIGNAGE PLAN**



**LEGEND**

	WORK AREA
	DRUM
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	TEMPORARY BRIDGE TRAFFIC SIGNAL
	DOUBLE VERTICAL PANEL
	TYPE III BARRICADE WITH FLASHING LIGHTS
	SIGN
	TEMPORARY RUMBLE STRIPS

- NOTES**
1. TYPE III BARRICADES ARE TO BE IN PLACES WHEN NO WORK IS BEING PERFORMED.
  2. DRUMS WITHIN LANE CLOSURE TAPERS SHALL HAVE STEADY BURNING BI-DIRECTIONAL LIGHTS.
  3. DRUMS SHALL BE PLACED AT 25' CENTER-TO-CENTER UNLESS OTHERWISE SPECIFIED.
  4. PLACE TEMPORARY SIGNALS, BARRELS, AND TEMPORARY PAVEMENT MARKINGS ON THE IL 94 APPROACHES IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
  5. PLACE ADVANCE SIGNAGE ON THE IL 94 APPROACHES IN ACCORDANCE WITH THE DETAIL.
  6. TEMPORARY SIGNALS SHALL BE EQUIPPED WITH VIDEO DETECTION TO DETECT PRESENCE OF VEHICLES ON THE 700N APPROACHES.
  7. "NO TURN ON RED" SIGNAGE SHALL BE MOUNTED NEAR EACH STOP BAR.

MODEL: Stage 1 - 30 Scale (Sheet)  
FILE NAME: c:\p\work\proj\_main\oms55119\0468K14-sh1-staging1.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

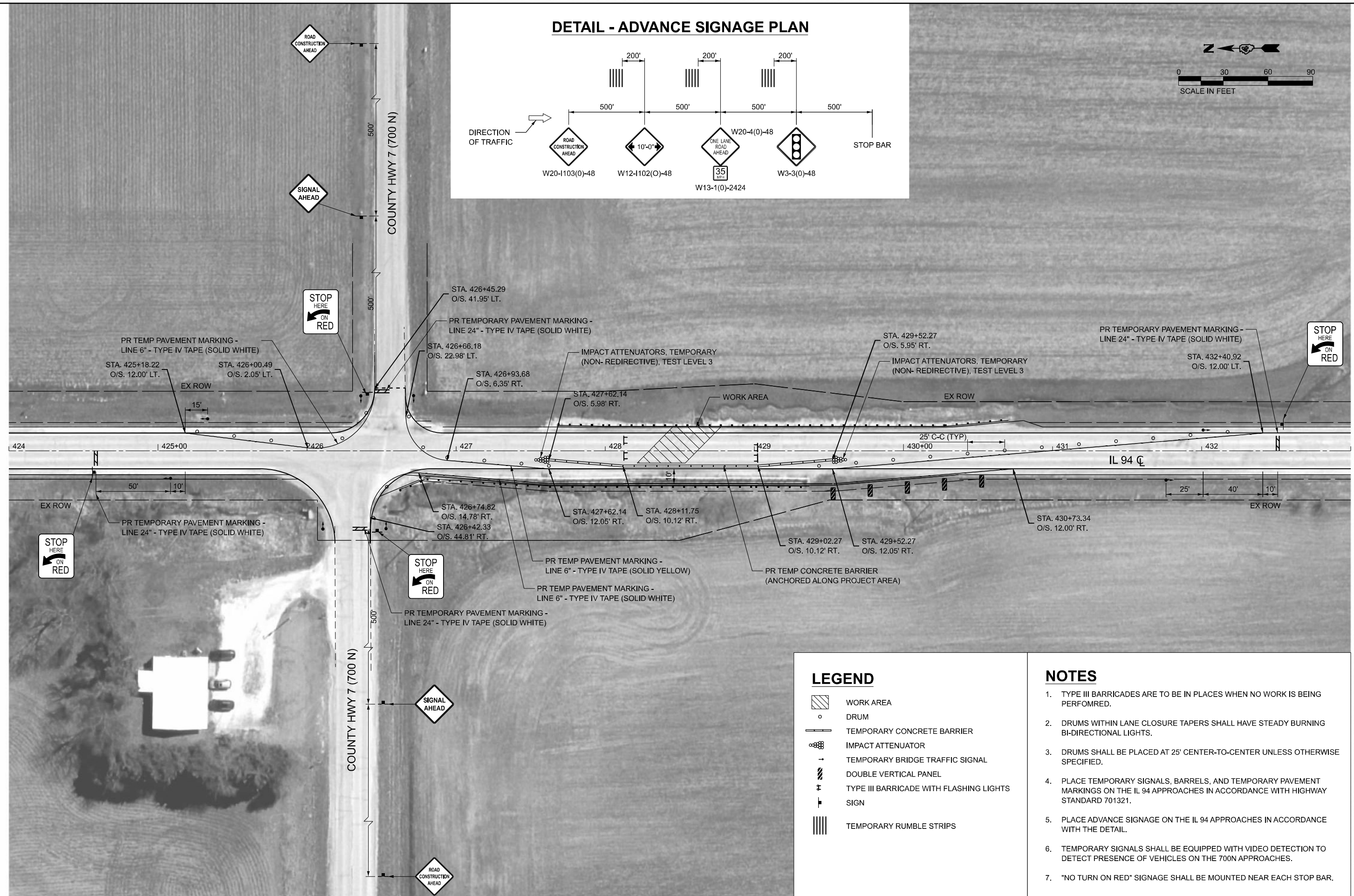
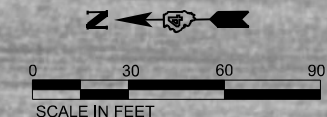
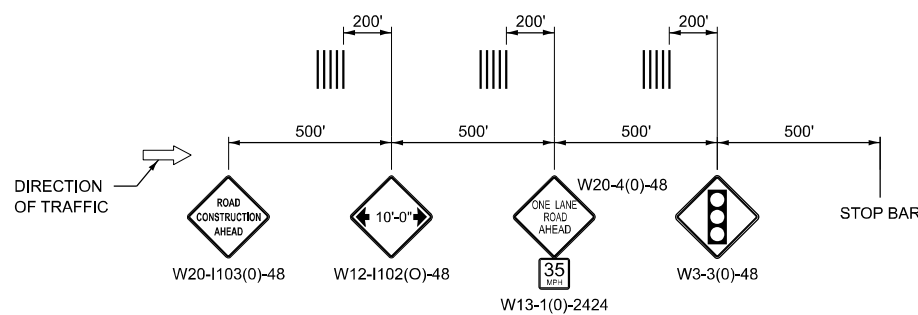
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION, SPECIAL  
STAGE 1 PLAN**

SCALE: 1"=30' SHEET 2 OF 4 SHEETS STA. 424+00.00 TO STA. 433+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	35
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**DETAIL - ADVANCE SIGNAGE PLAN**



**LEGEND**

	WORK AREA
	DRUM
	TEMPORARY CONCRETE BARRIER
	IMPACT ATTENUATOR
	TEMPORARY BRIDGE TRAFFIC SIGNAL
	DOUBLE VERTICAL PANEL
	TYPE III BARRICADE WITH FLASHING LIGHTS
	SIGN
	TEMPORARY RUMBLE STRIPS

- NOTES**
- TYPE III BARRICADES ARE TO BE IN PLACES WHEN NO WORK IS BEING PERFORMED.
  - DRUMS WITHIN LANE CLOSURE TAPERS SHALL HAVE STEADY BURNING BI-DIRECTIONAL LIGHTS.
  - DRUMS SHALL BE PLACED AT 25' CENTER-TO-CENTER UNLESS OTHERWISE SPECIFIED.
  - PLACE TEMPORARY SIGNALS, BARRELS, AND TEMPORARY PAVEMENT MARKINGS ON THE IL 94 APPROACHES IN ACCORDANCE WITH HIGHWAY STANDARD 701321.
  - PLACE ADVANCE SIGNAGE ON THE IL 94 APPROACHES IN ACCORDANCE WITH THE DETAIL.
  - TEMPORARY SIGNALS SHALL BE EQUIPPED WITH VIDEO DETECTION TO DETECT PRESENCE OF VEHICLES ON THE 700N APPROACHES.
  - "NO TURN ON RED" SIGNAGE SHALL BE MOUNTED NEAR EACH STOP BAR.

MODEL: Stage 2 - 30 Scale (Sheet)  
FILE NAME: c:\p\work\proj\_main\oms55119\468K14-sh-staging2.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

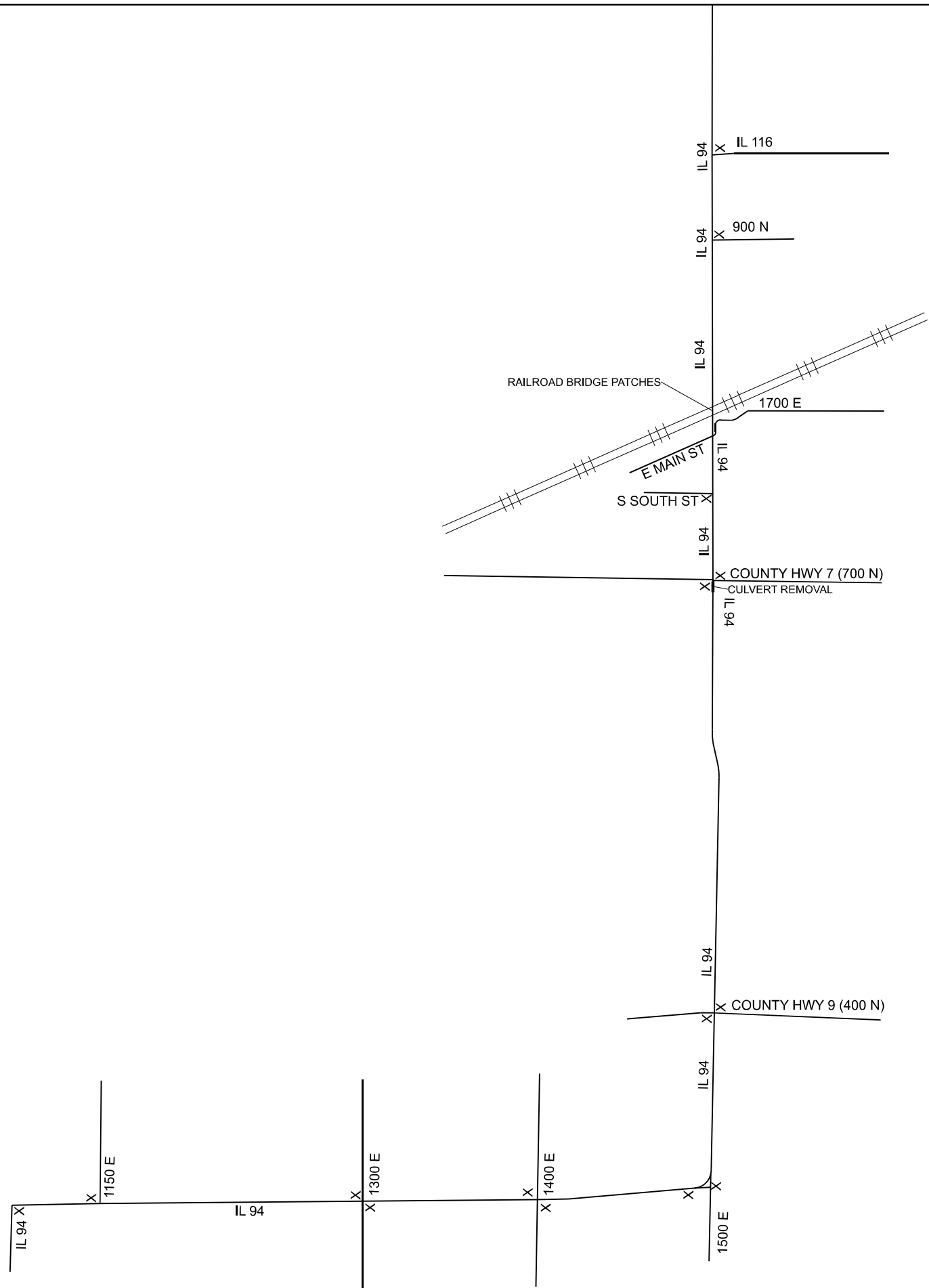
**TRAFFIC CONTROL AND PROTECTION, SPECIAL  
STAGE 2 PLAN**

SCALE: 1"=30' SHEET 3 OF 4 SHEETS STA. 424+00.00 TO STA. 433+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	36
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**NOTES:**

- "X" SHOWS APPROXIMATE LOCATION OF WIDTH RESTRICTION SIGNING. (EXACT PLACEMENT TO BE DETERMINED DURING CONTSTRUCTION)
- SEE SPECIAL PROVISION "WIDTH RESTRICTION" FOR ADDITIONAL INFORMATION.
- WIDTH RESTRICTION SIGNING SHALL BE REQUIRED DURING THE USE OF **TRAFFIC CONTROL AND PROTECTION, SPECIAL.**
- ADDITIONAL WIDTH RESTRICTION SIGNING SHALL BE REQUIRED DURING PATCHING UNDER THE RAILROAD VIADUCT IN STRONGHURST, IL (APPROX. STA. 376+50)



MODEL: MOT\_WIDTH\_REST [Sheet]  
 FILE NAME: c:\p\work\p\main\oms5119\468K14-sh-mot-width-sign.dgn



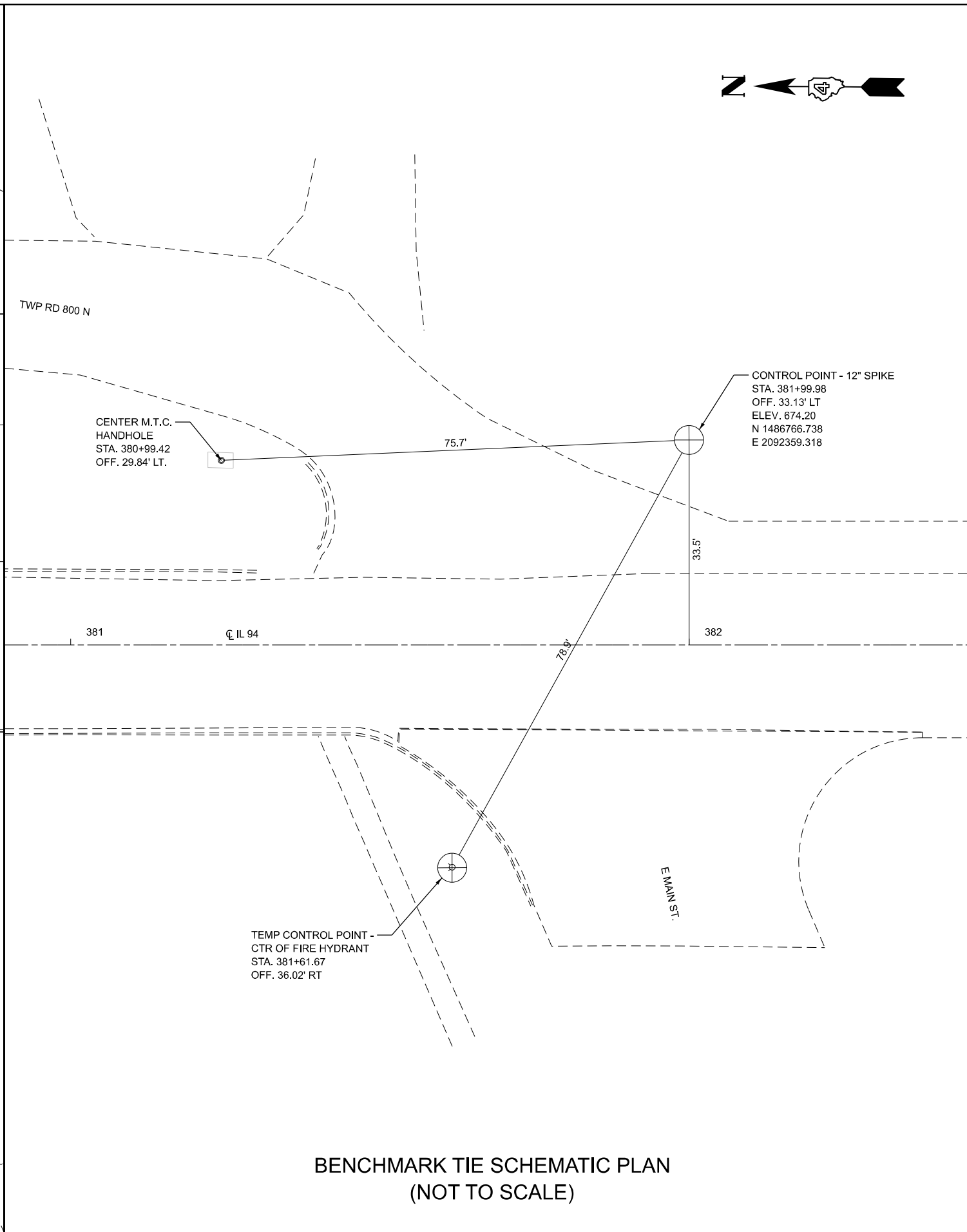
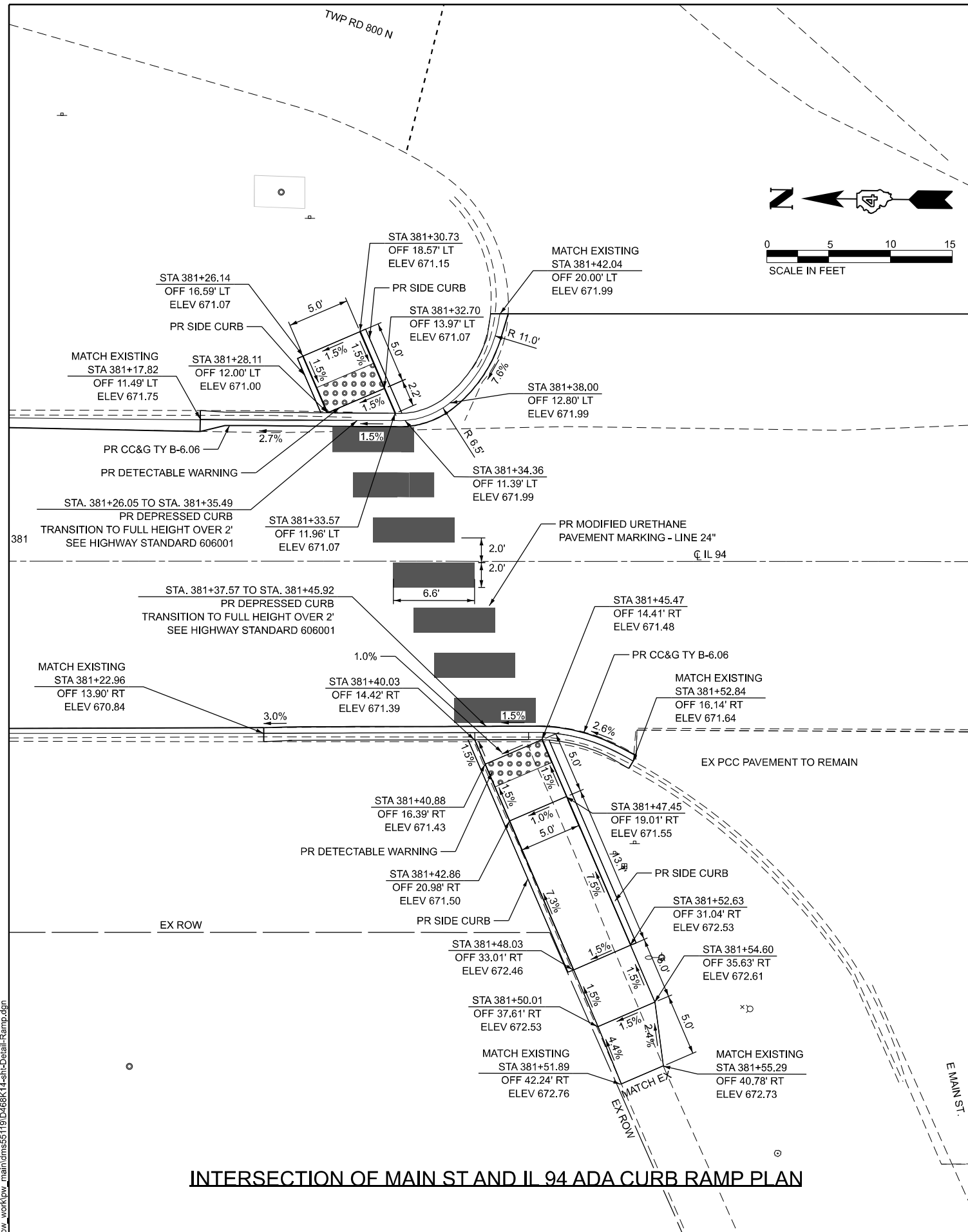
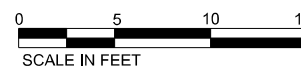
USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
WIDTH RESTRICTION SIGNING PLAN**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	37
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



**INTERSECTION OF MAIN ST AND IL 94 ADA CURB RAMP PLAN**

**BENCHMARK TIE SCHEMATIC PLAN  
(NOT TO SCALE)**

MODEL: Curb Ramp Detail(Sheet)  
FILE NAME: c:\p\work\p\main\oms55119\DA68K14-shi-Detail-Ramp.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

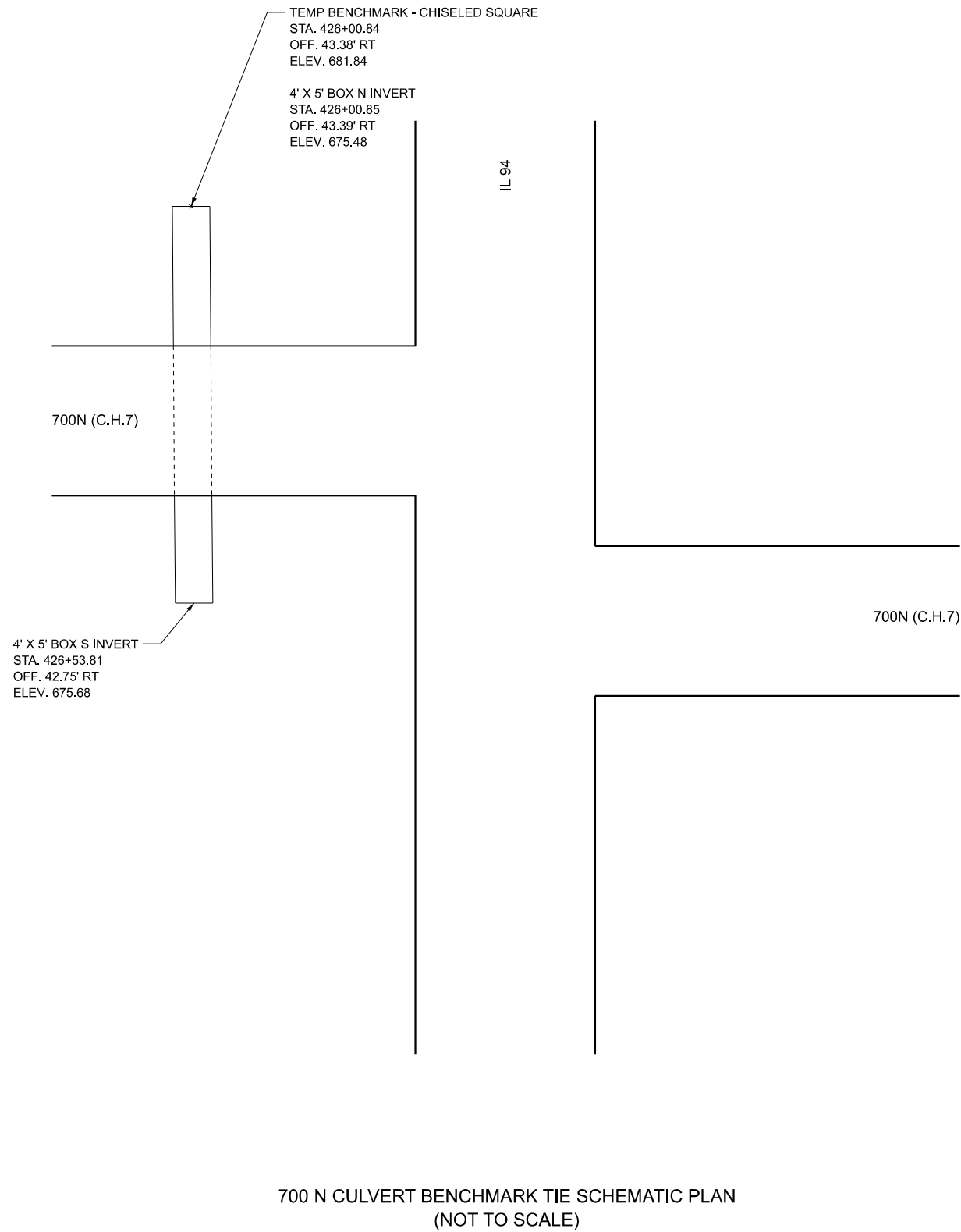
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94 - PROJECT DETAILS  
CURB RAMP DETAILS**

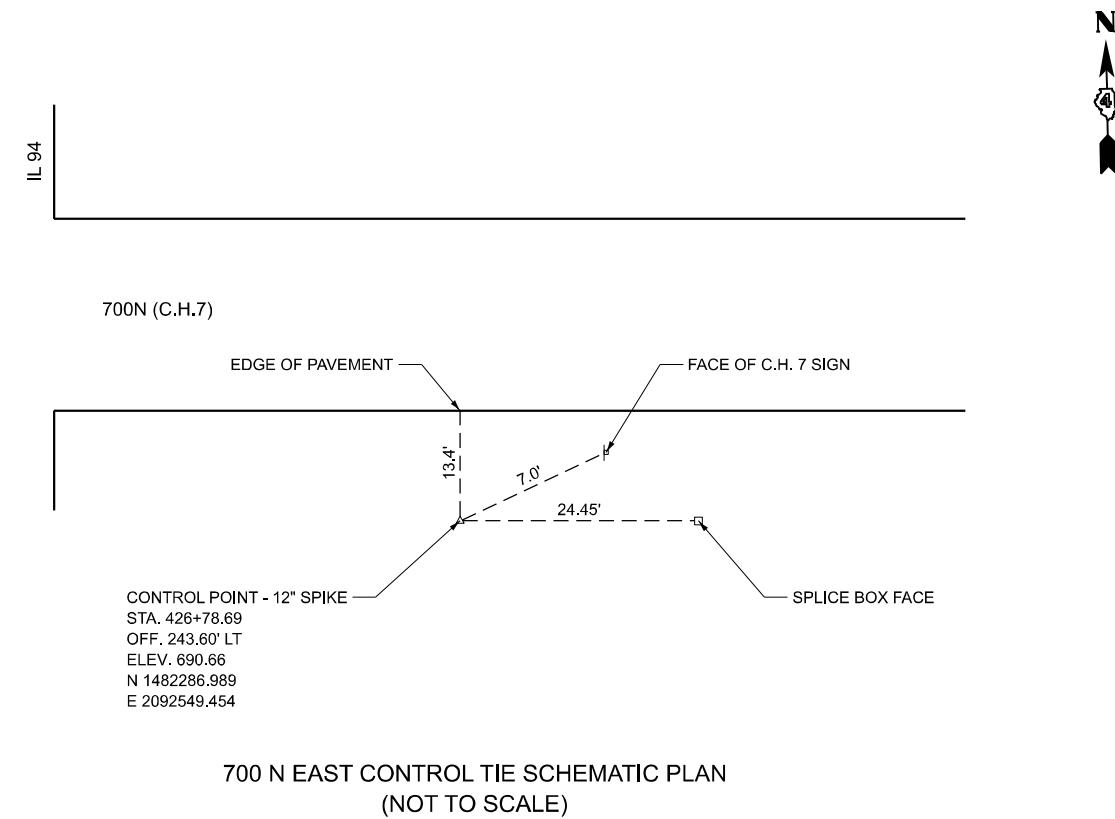
SCALE: SHEET 1 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	38
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

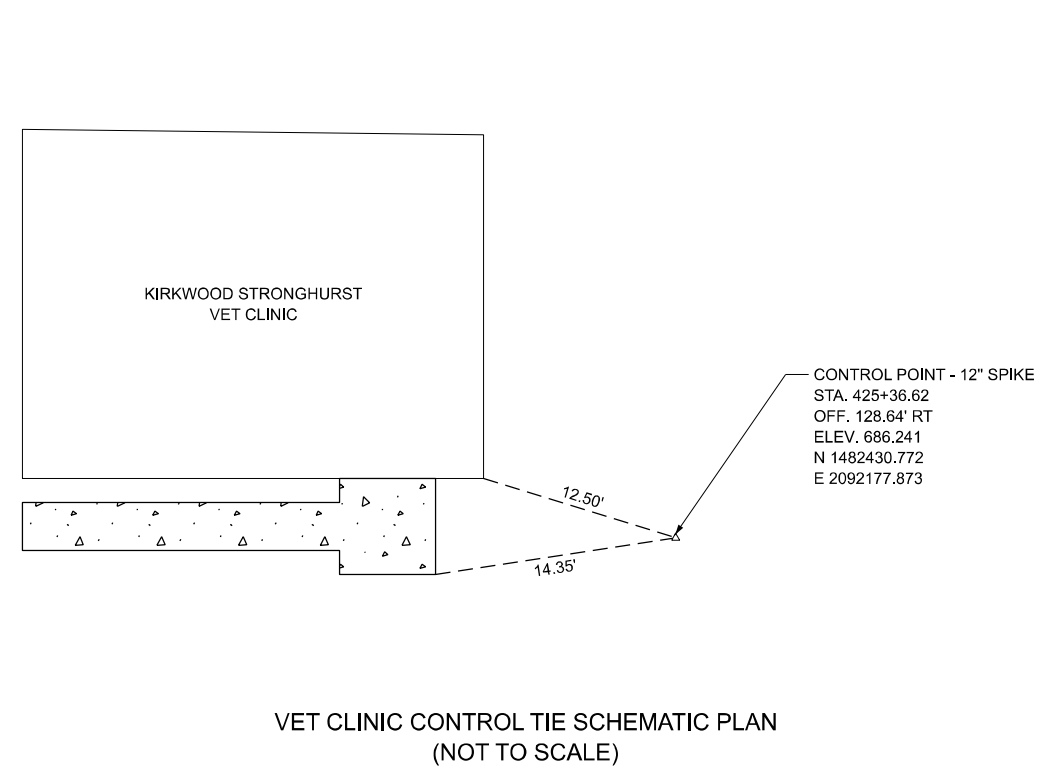
MODEL: shi-Temp-Benchmark (Sheet)  
 FILE NAME: c:\p\work\proj\_main\oms55119\D468K14-shi-detail-Benchmark.dgn



700 N CULVERT BENCHMARK TIE SCHEMATIC PLAN  
(NOT TO SCALE)



700 N EAST CONTROL TIE SCHEMATIC PLAN  
(NOT TO SCALE)



VET CLINIC CONTROL TIE SCHEMATIC PLAN  
(NOT TO SCALE)



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

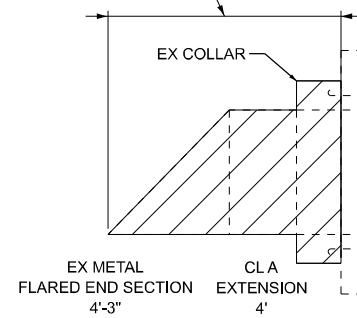
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94 - PROJECT DETAILS  
CONTROL TIES AND BENCHMARKS

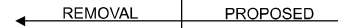
SCALE: SHEET 2 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	39
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

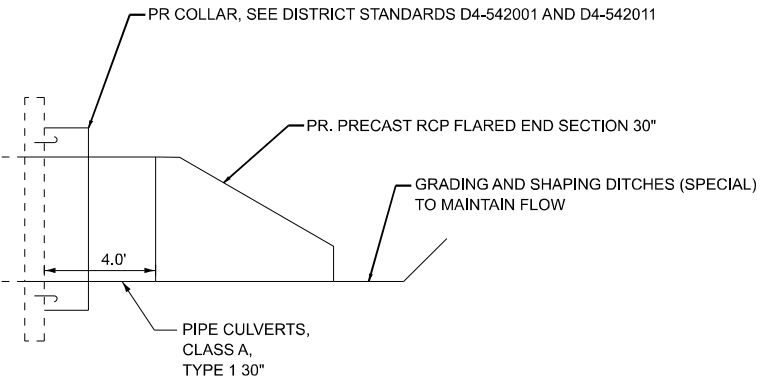
LIMIT OF "PIPE CULVERT REMOVAL (SPECIAL)" = 8.25' (TYP)



LENGTHS BASED UPON RECORD PLANS



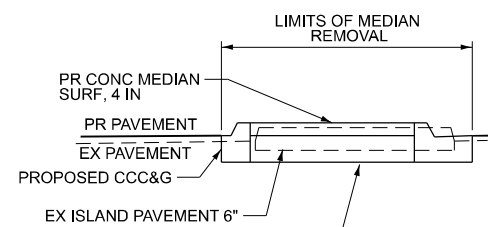
NOT TO SCALE



PROPOSED EXTENSION TO MATCH THE SLOPE OF THE EXISTING CULVERT

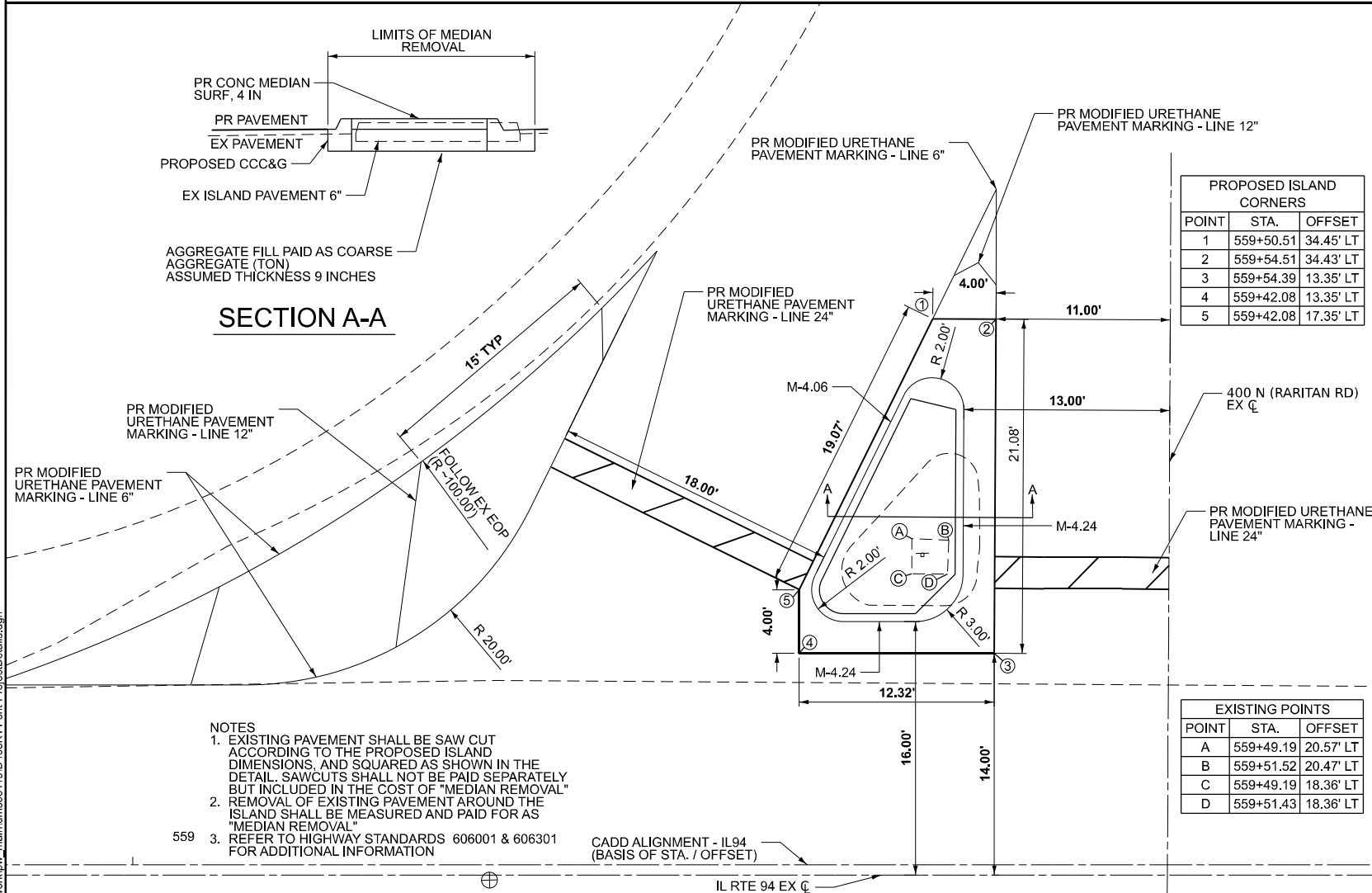
EXTENSION REPLACEMENT INFORMATION		
LOCATION	EX SLOPE	COLLAR STANDARD
STA 412+85	0.0%	D4-542001
STA 441+27	1.1%	D4-542001
STA 517+49	1.5%	D4-542001
STA 520+19	2.5%	D4-542011

**REMOVE & REPLACE EXTENSIONS**



**SECTION A-A**

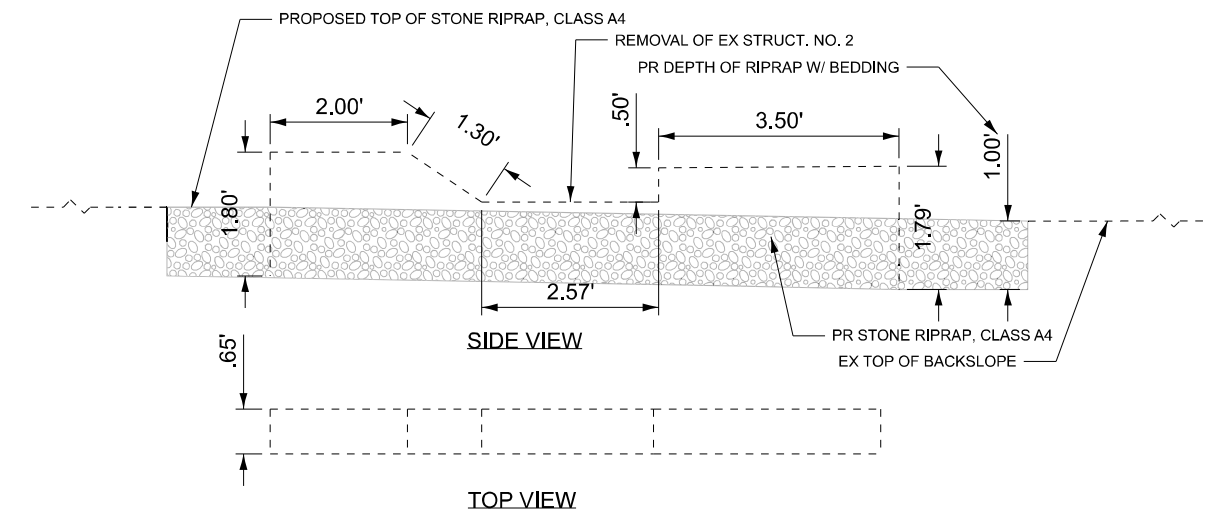
AGGREGATE FILL PAID AS COARSE AGGREGATE (TON) ASSUMED THICKNESS 9 INCHES



PROPOSED ISLAND CORNERS		
POINT	STA.	OFFSET
1	559+50.51	34.45' LT
2	559+54.51	34.43' LT
3	559+54.39	13.35' LT
4	559+42.08	13.35' LT
5	559+42.08	17.35' LT

EXISTING POINTS		
POINT	STA.	OFFSET
A	559+49.19	20.57' LT
B	559+51.52	20.47' LT
C	559+49.19	18.36' LT
D	559+51.43	18.36' LT

- NOTES
- EXISTING PAVEMENT SHALL BE SAW CUT ACCORDING TO THE PROPOSED ISLAND DIMENSIONS, AND SQUARED AS SHOWN IN THE DETAIL. SAWCUTS SHALL NOT BE PAID SEPARATELY BUT INCLUDED IN THE COST OF "MEDIAN REMOVAL"
  - REMOVAL OF EXISTING PAVEMENT AROUND THE ISLAND SHALL BE MEASURED AND PAID FOR AS "MEDIAN REMOVAL"
  - REFER TO HIGHWAY STANDARDS 606001 & 606301 FOR ADDITIONAL INFORMATION



**REMOVE WEIR**

MODEL: Culvert Extension Detail-1 [Sheet]  
FILE NAME: c:\p\work\proj\_main\mms5113\13\468K14-shp-ProjectDetails.dgn



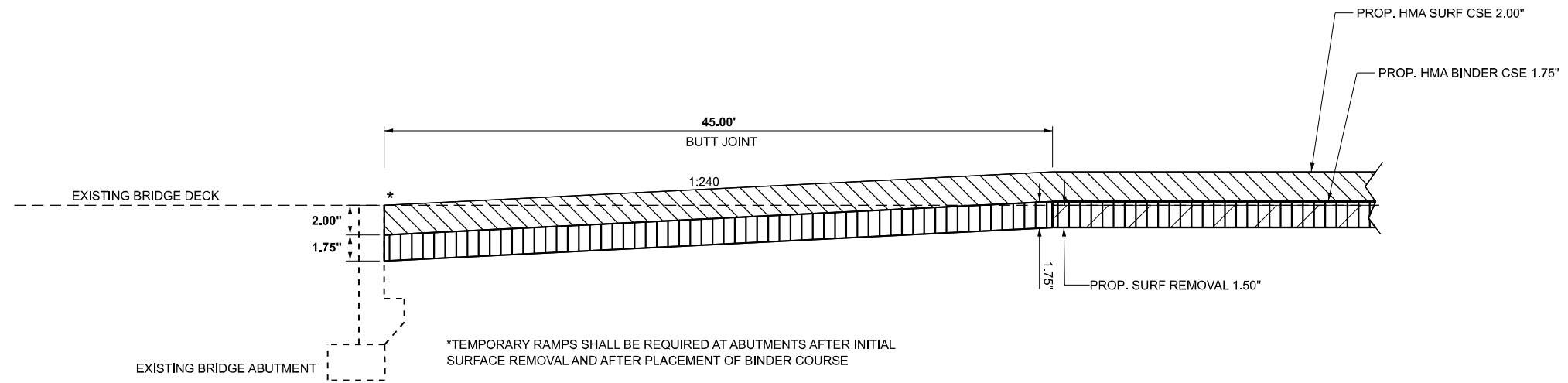
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

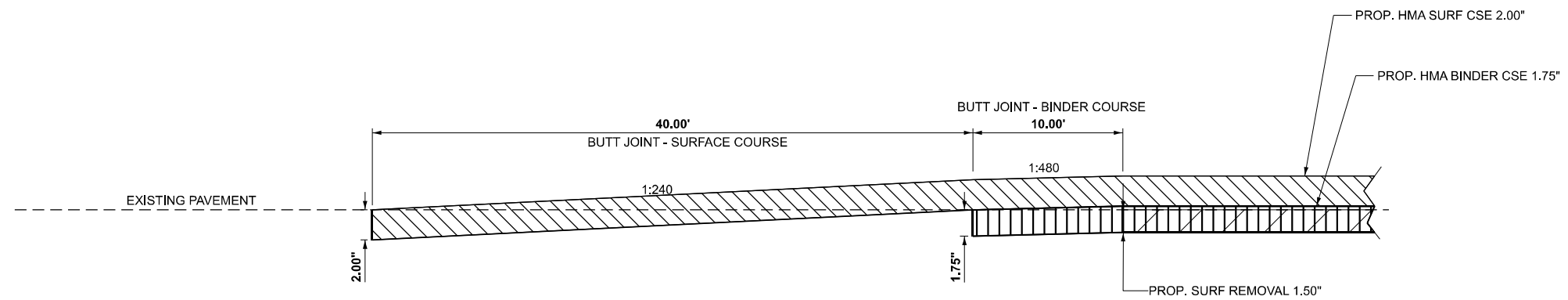
**IL RTE 94 - PROJECT DETAILS  
REPLACEMENTS & REMOVALS**

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

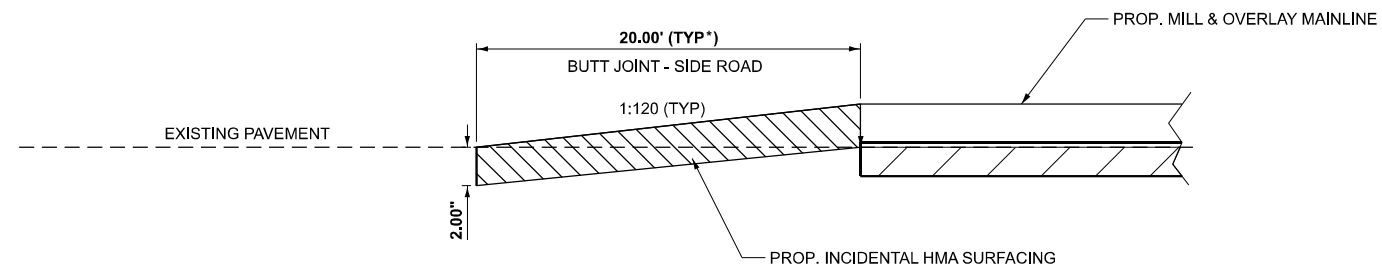
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	40
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



**MAINLINE BUTT JOINT DETAIL - INTO EX BRIDGE DECK**



**MAINLINE BUTT JOINT DETAIL - INTO EX PAVEMENT**



\*UNLESS OTHERWISE NOTED IN THE PLANS  
SEE DISTRICT STANDARD 406402-D4 FOR ADDITIONAL INFORMATION

**SIDEROAD BUTT JOINT DETAIL - EX HMA & SEAL COAT**

MODEL: DetailButtJoint [Sheet]  
FILE NAME: c:\p\work\p\main\oms55119\D468K14-shd-detail-butt-joint.dgn



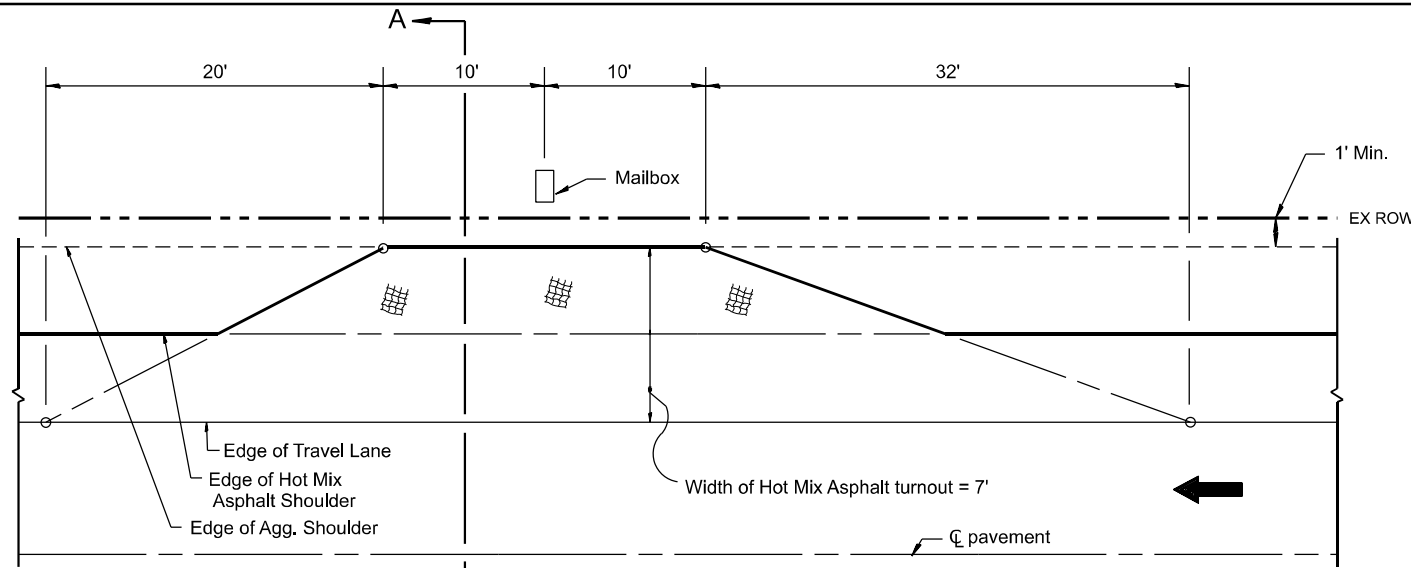
USER NAME = TylerH	DESIGNED - TW	REVISED -
	DRAWN - TW	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

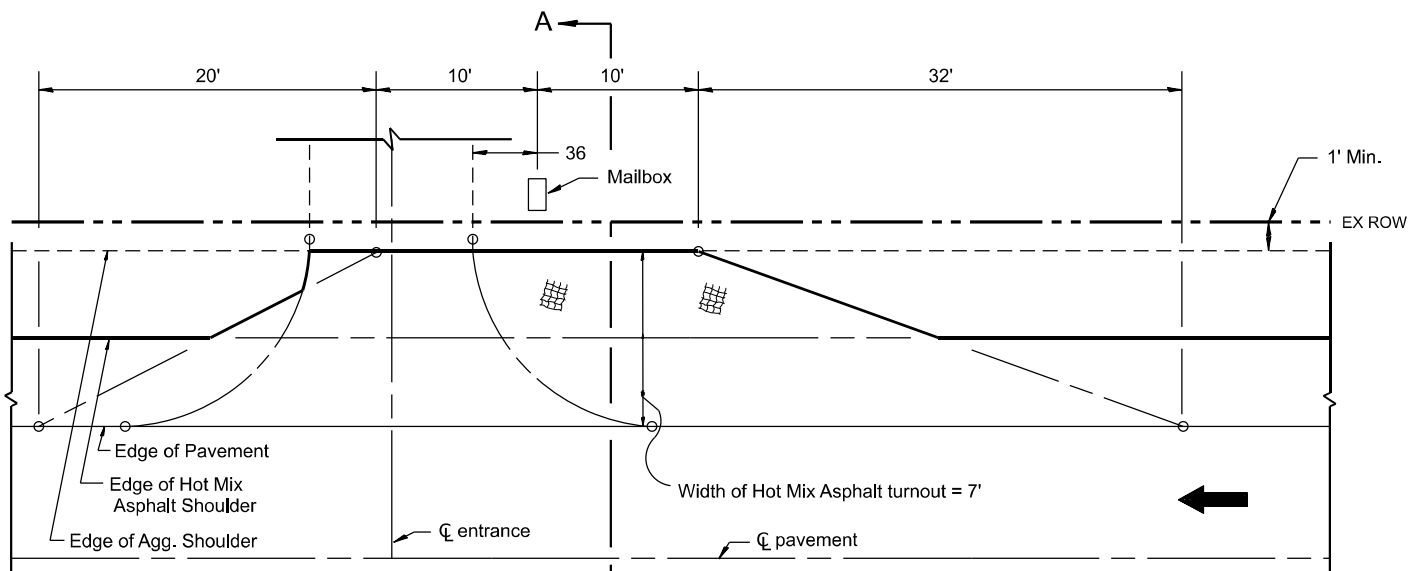
IL RTE 94 - PROJECT DETAILS  
BUTT JOINTS

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

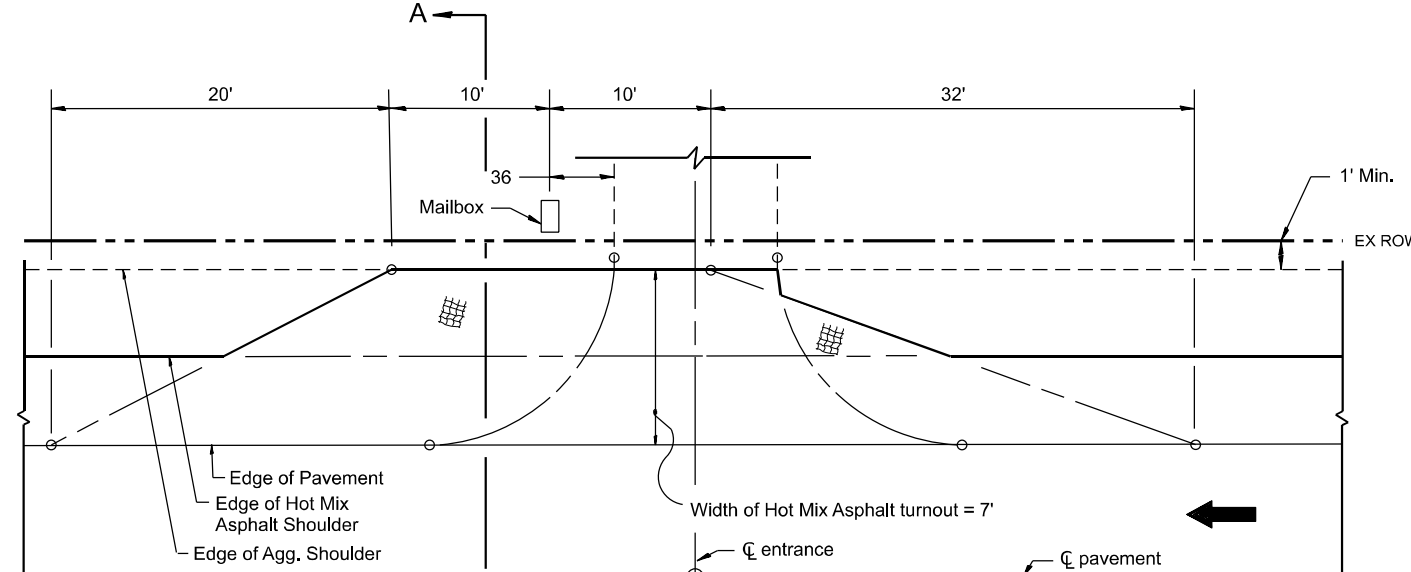
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	41
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



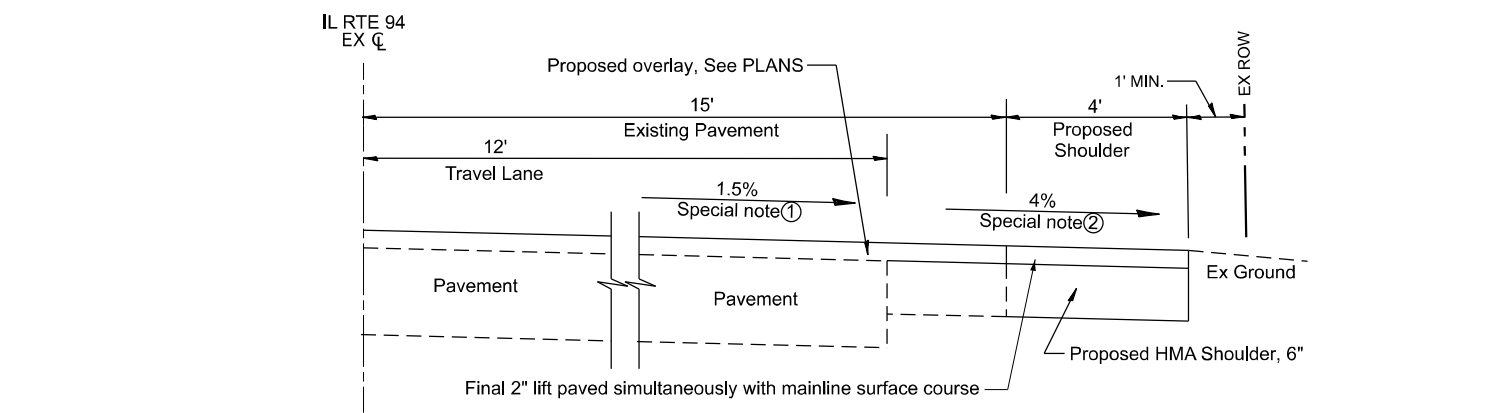
**METHOD "T"**  
Typical Application



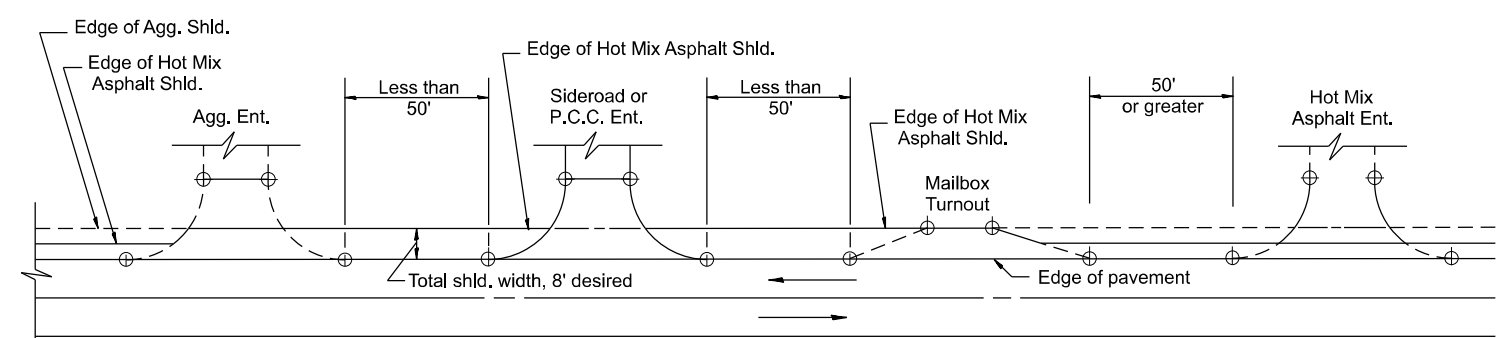
**METHOD "N"**  
Mailbox on near side of entrance



**METHOD "F"**  
Mailbox on far side of entrance



**SECTION A-A**  
Village of Stronghurst - Proposed Mailbox Turnout



**DETAIL A**  
SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS,  
ENTRANCES, AND/OR MAILBOX TURNOUTS

**GENERAL NOTES**

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 7', shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'. See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6 to 12 and the post a minimum of 24 from the edge of the turnout surfacing.

**SPECIAL NOTES**

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12 paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches unless otherwise noted.

MODEL: 25297-Detail-Mailbox-Turnout  
FILE NAME: c:\p\work\p\main\oms5169\04-406201.dgn



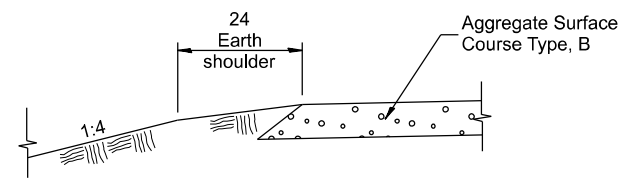
USER NAME = TylerH	DESIGNED - TW	REVISED -
	DRAWN - TH	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

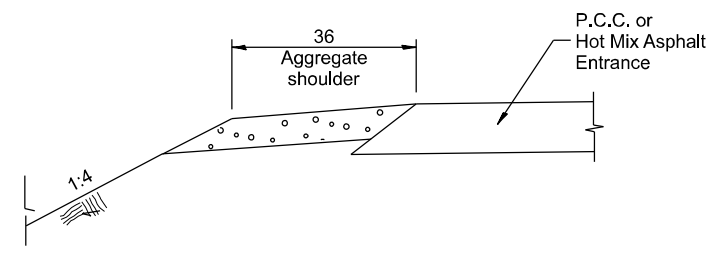
**IL RTE 94 - PROJECT DETAILS**  
**MAILBOX TURNOUTS - VILLAGE OF STRONGHURST**

SCALE: NOT TO SCALE | SHEET 5 OF 6 SHEETS | STA. TO STA.

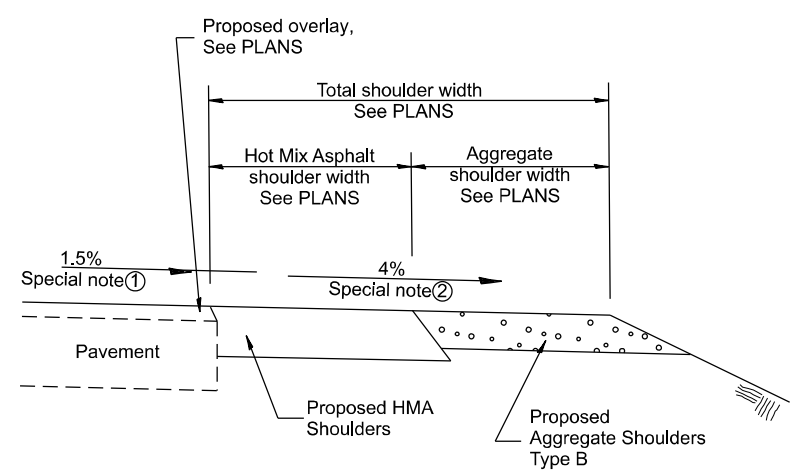
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	42
DISTRICT 4 STANDARD NO. 406201		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



**SECTION A-A**  
SHOULDER TREATMENT FOR AGGREGATE ENTRANCES



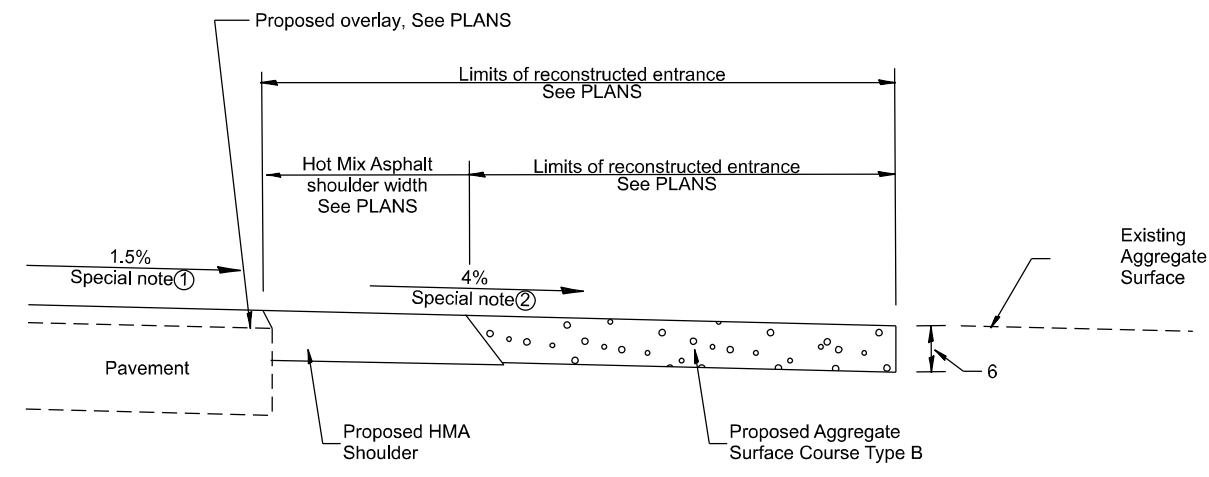
**SECTION C-C**  
SHOULDER TREATMENT FOR P.C.C. OR HOT MIX ASPHALT ENTRANCES



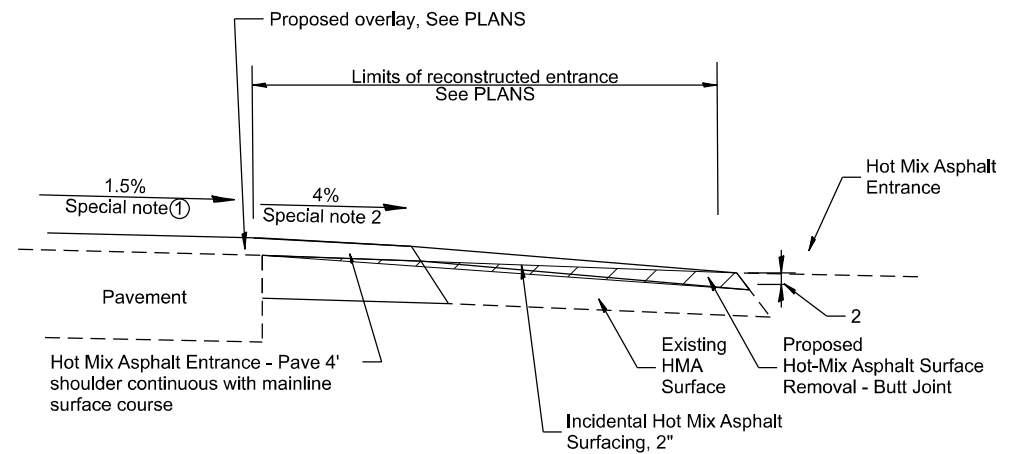
**SECTION E-E**  
MAINLINE SHOULDER TREATMENT

**SPECIAL NOTES**

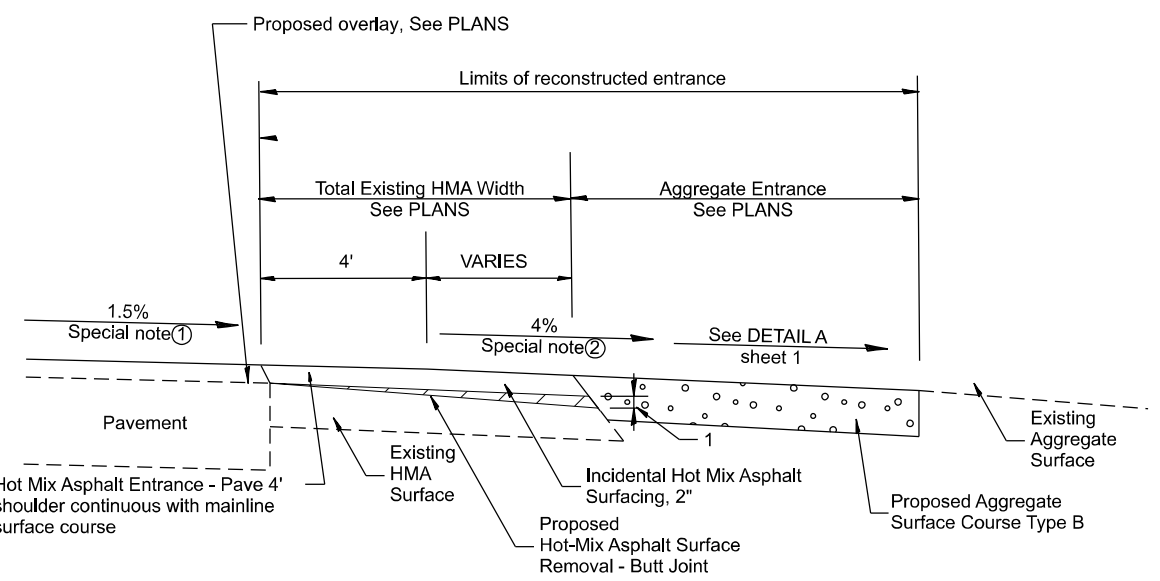
- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- ② The shoulder cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12' paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.



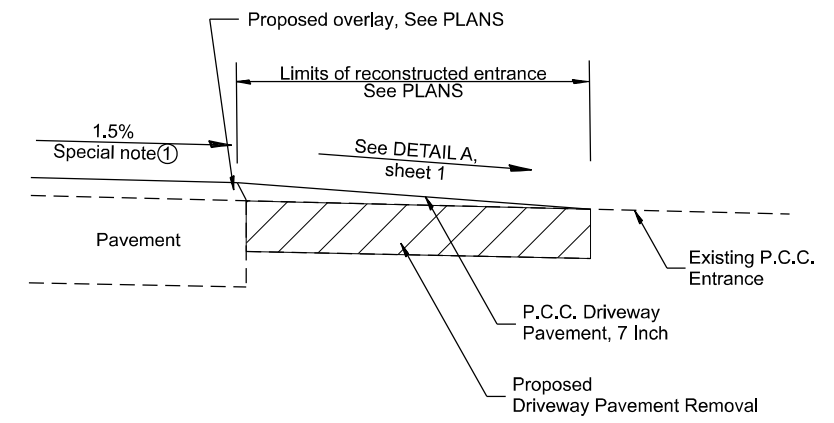
**RURAL AGGREGATE ENTRANCE**



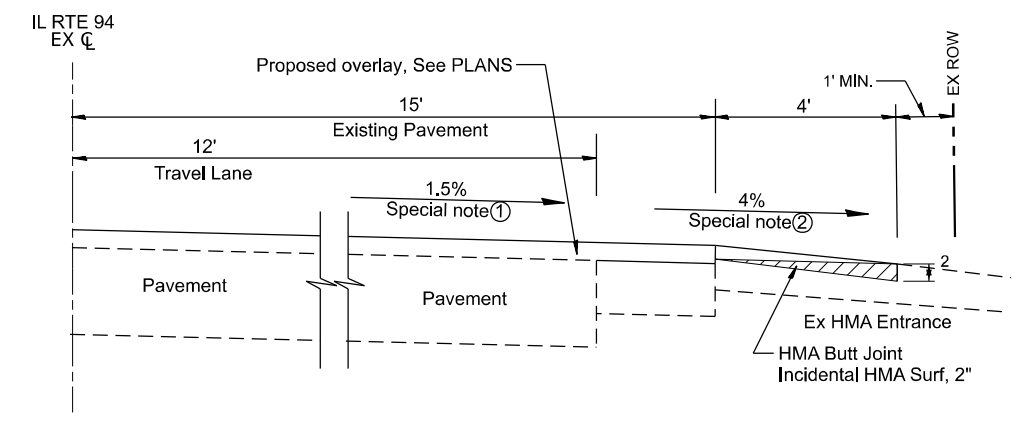
**RURAL HMA ENTRANCE**



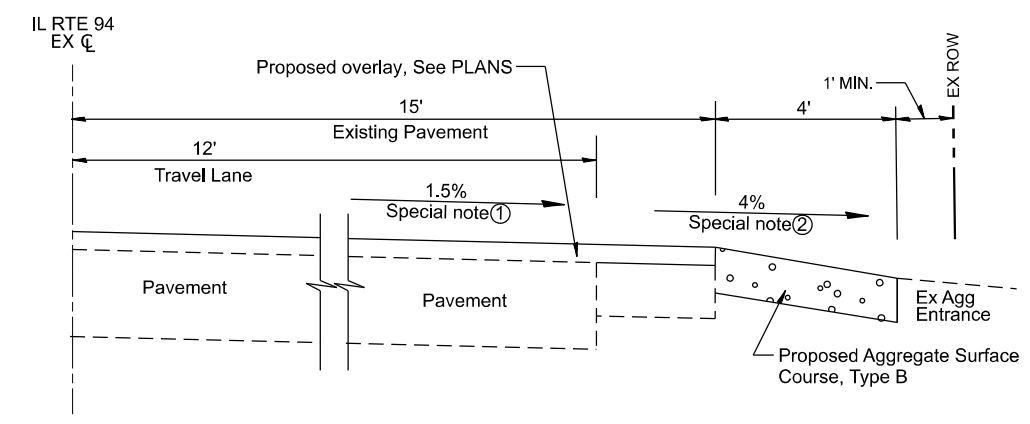
**RURAL AGGREGATE ENTRANCE WITH EXISTING HMA SHOULDER**



**PCC ENTRANCE / SIDEROAD**



**HMA ENTRANCE - VILLAGE OF STRONGHURST**



**AGGREGATE ENTRANCE - VILLAGE OF STRONGHURST**

All dimensions are in inches unless otherwise noted.

MODEL: 25297-Detail-Entrances  
FILE NAME: c:\pwworkspace\main\ms5169104-406301.dgn



USER NAME = TylerH	DESIGNED - TW	REVISED -
	DRAWN - TH	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**IL RTE 94 - PROJECT DETAILS  
ENTRANCE TREATMENT DETAILS**

SCALE: NOT TO SCALE SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	43
DISTRICT 4 DETAIL NO. 406301		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				

Benchmark: Set "chiseled square" at north end of 4' x 5' box culvert. Sta 426+00.84, Off. 43.38' RT, Elev. 681.84

Existing Structure: The existing structure is a skewed single box 4' x 4' concrete culvert with the length of 48'-1" per existing plans. Culvert and wingwalls to be removed.

No Salvage

Proposed Structure: The proposed structure is a single box 4' x 4' concrete culvert with the total length of 70'-1 5/8". The structure will be 60' of precast culvert with cast-in-place end sections joined with a connection collar at a 45° skew. The east end will feature a drop box structure.

**INDEX OF SHEETS**

1. General Plan and Elevation
2. West End Section Details
3. East End Section Details
4. Culvert Details

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu Yd	163
Subbase Granular Material, Type A	Cu Yd	11
Removal Of Existing Structures No. 1	Each	1
Reinforcement Bars, Epoxy Coated	Pound	2,410
Temporary Soil Retention System	Sq Ft	175
Concrete Box Culverts	Cu Yd	15.5
Precast Concrete Box Culverts 4' X 4'	Foot	60
Membrane Waterproofing System For Buried Structures	Sq Yd	66

**DESIGN SPECIFICATIONS**

2024 AASHTO LRFD Bridge Design Specifications, 10th Edition

**DESIGN STRESSES**

**FIELD UNITS**  
 $f_c = 3,500$  psi  
 $f_y = 60,000$  psi (Reinforcement)

**PRECAST UNITS**  
 $f_c = 5,000$  psi  
 $f_y = 65,000$  psi (Welded Wire)  
 $f_y = 60,000$  psi (Reinforcement)

**LOADING HL-93**

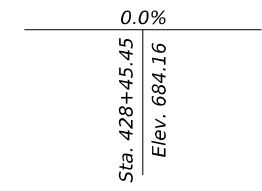
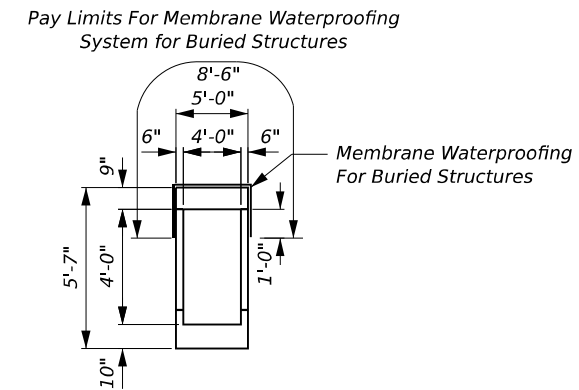
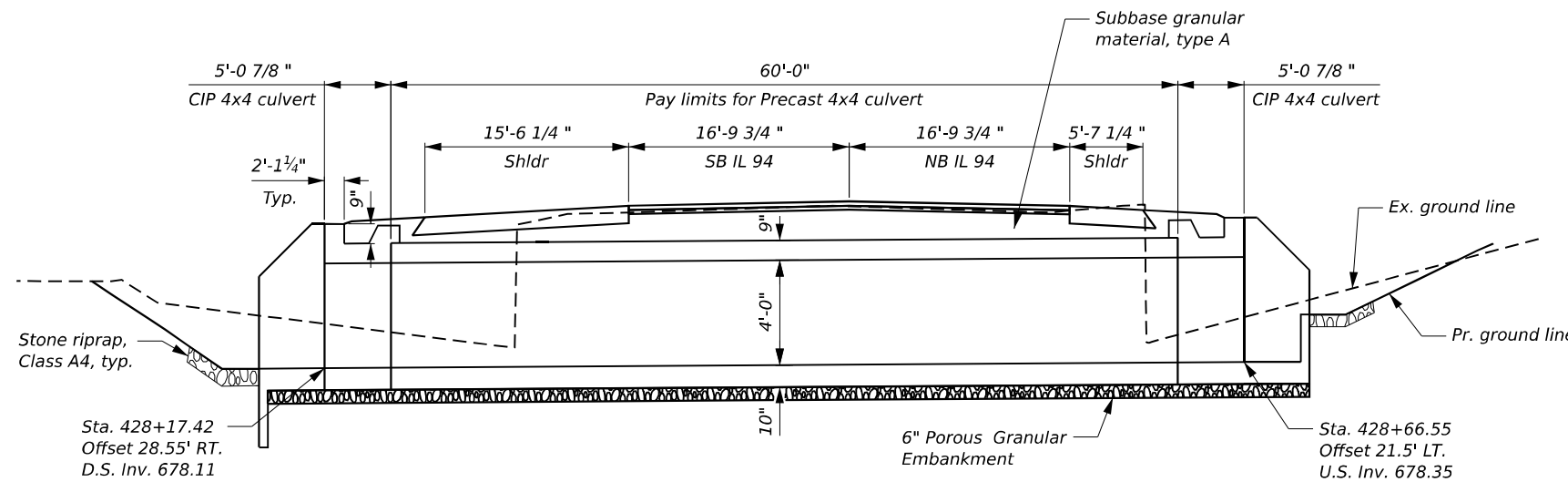
Allow 50#/sq. ft. for future wearing surface.

**HIGHWAY CLASSIFICATION**

FAP 534 (IL 94)  
 Functional Class: Minor Arterial  
 AADT: 1,350 (2023)  
 ADTT: 160 (2023)  
 Design Speed: 55 mph  
 Posted Speed: 55 mph

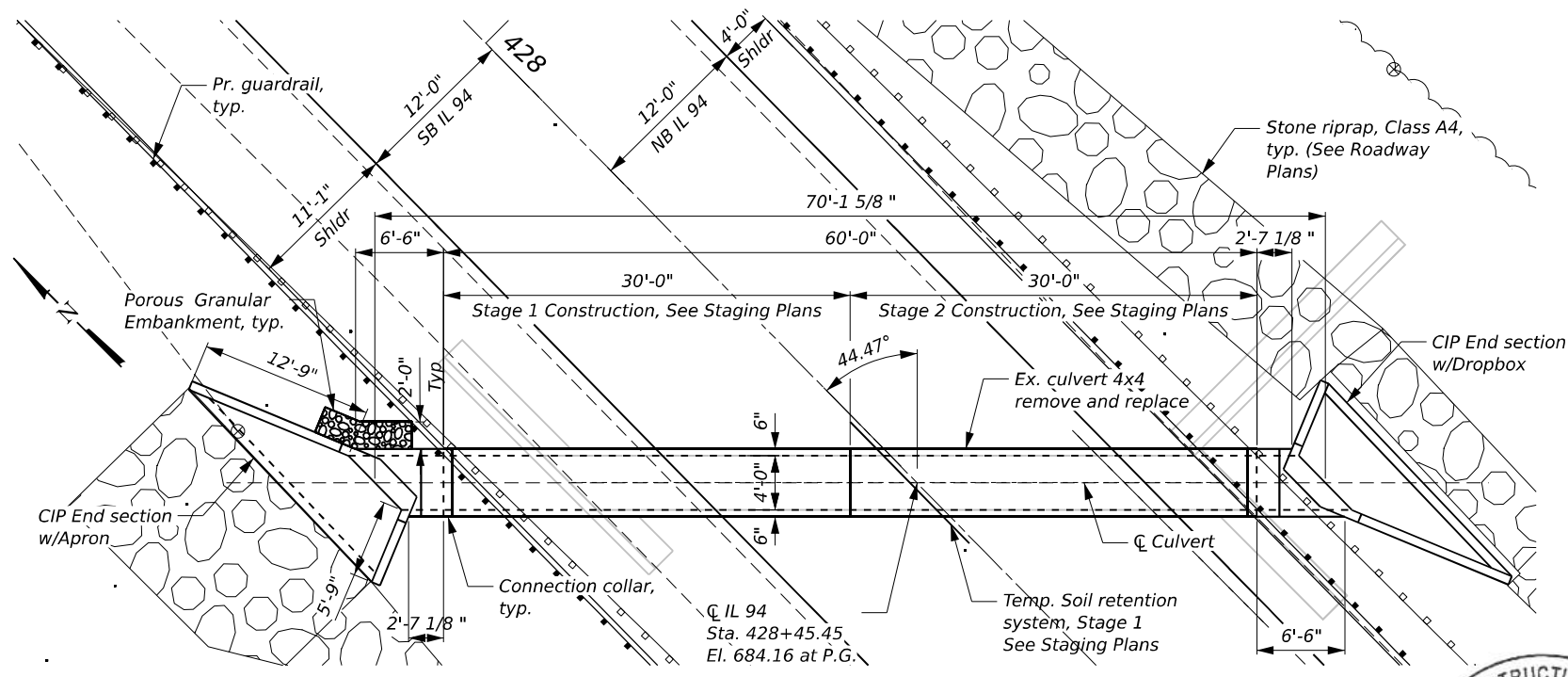
**DESIGN FILL HEIGHT**

Design Earth Cover = max 2'



**PROFILE GRADE**

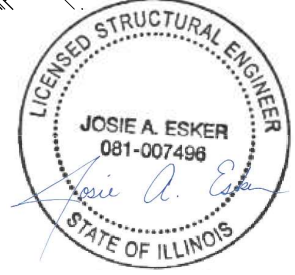
(Along  $\text{C}$  IL 94)



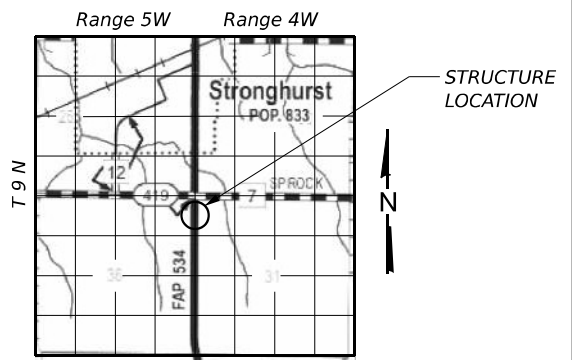
Temp. soil retention system for stage 2 not shown, See Staging Plans

**GENERAL NOTES**

1. The design fill height for this box is 2 ft. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. Drain holes shall be provided on exterior culvert walls for each precast box segment with a clear rise greater than 3 ft. The drain hole shall be within 1/3 of the clear rise of the box culvert, shall not intercept the haunch, and shall conform to the requirements of Article 503.11 of the Standard Specification.
3. The precast concrete box culvert and cast-in-place box culvert end sections shall be backfilled with Porous Granular Embankment (PGE) from the bottom of the bottom slab to the top of the top slab. PGE shall be a minimum of 2 foot in width behind the culvert walls and wingwalls. PGE shall be a minimum of 6 inches thick below the bottom of the bottom slab and apron sections. The total volume of PGE shall be paid by the cubic yard for as Porous Granular Embankment. No payment shall be allowed for PGE in excavations extending beyond a 1:1 slope from the bottom of the PGE elevation.
4. The 6 in. thick layer of PGE required for the precast box culvert per Art 540.06 of the standard specifications shall also apply the cast-in-place culvert end sections. Cost of the PGE below the culvert will not be paid for separately but shall be included in the unit price of the work for which it is required.
5. Reinforcement bars designated (E) shall be epoxy coated.



SIGNED: JOSIE A ESKER  
 IL SE LIC. NO.: 081-007496  
 DATE SIGNED: 03/16/2026  
 LICENSE EXPIRES: 11/30/2026



**LOCATION SKETCH**

**GENERAL PLAN AND ELEVATION**  
**ILL. ROUTE 94**  
**F.A.P. ROUTE 534 - SEC. 111-RS-5**  
**HENDERSON COUNTY**  
**STA. 428+45.45**

MODEL: GPE (Sheet) FILE NAME: c:\p\work\p\main\oms5098\0468K14-sh-GPE.dgn



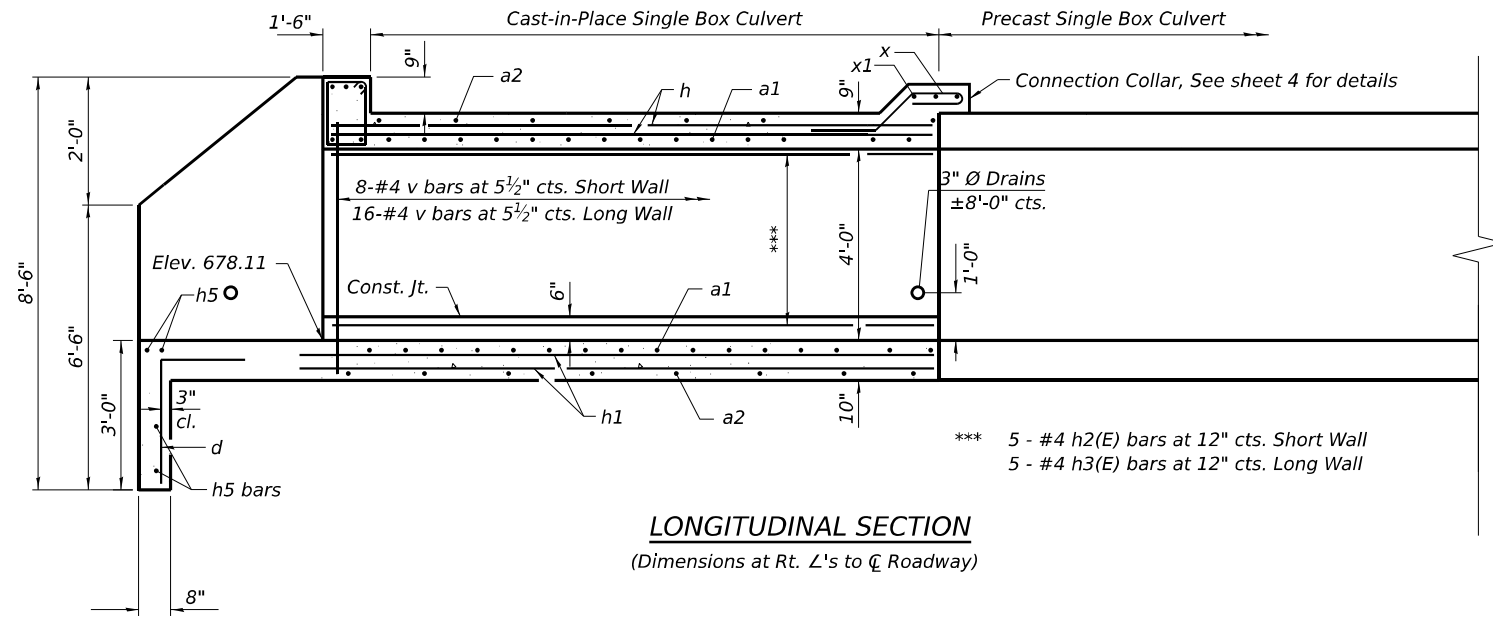
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

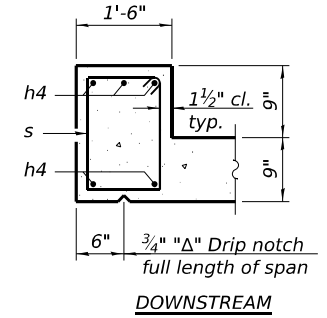
**GENERAL PLAN & ELEVATION**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

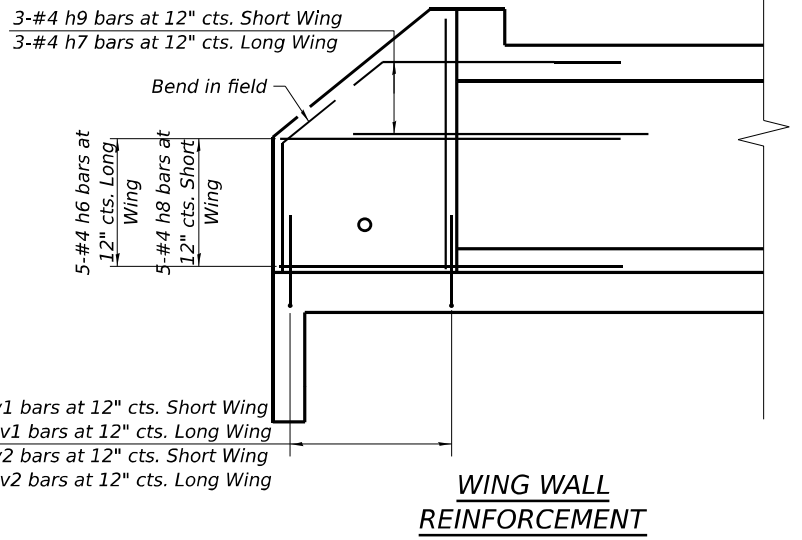
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	44
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



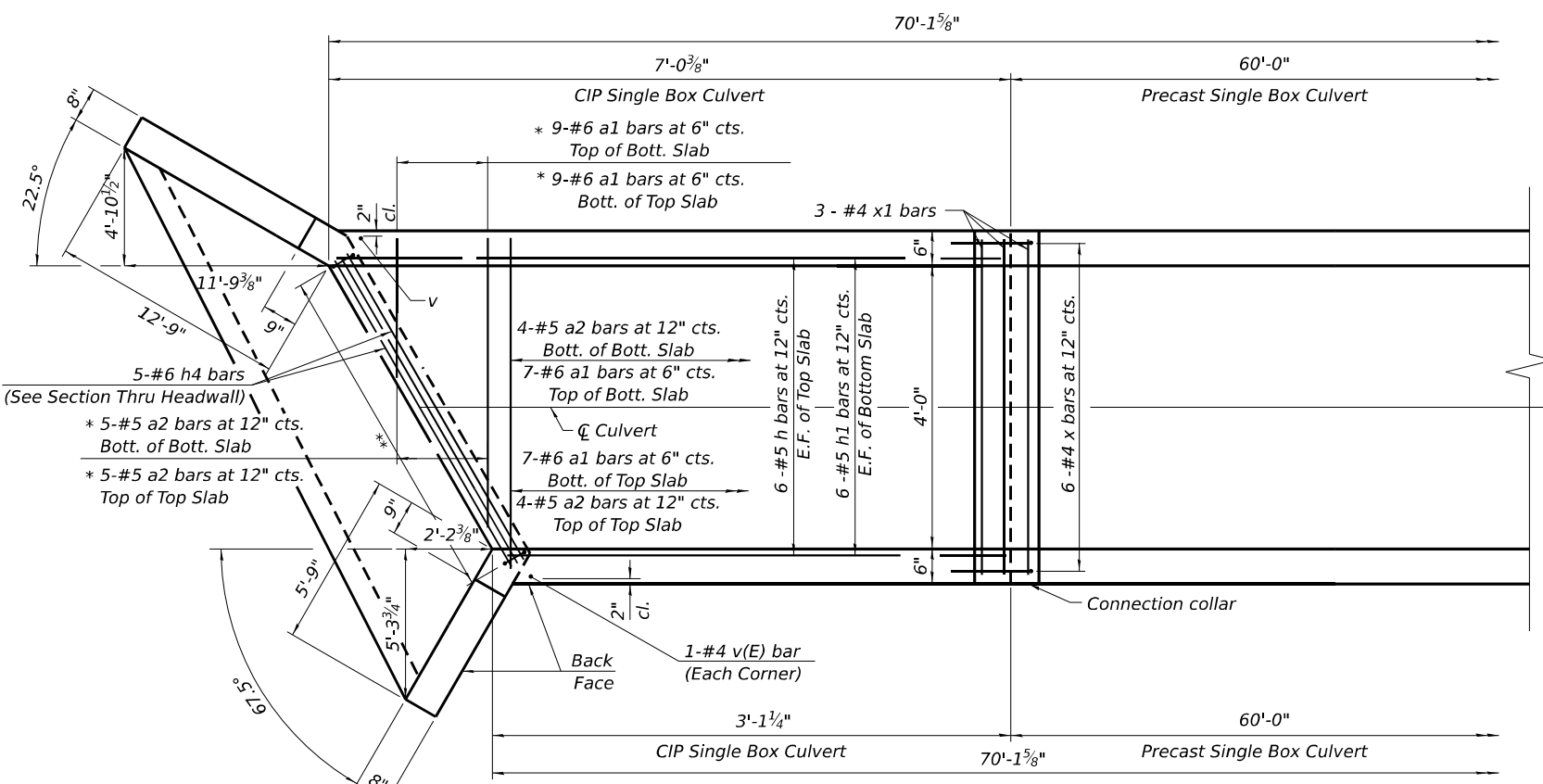
**LONGITUDINAL SECTION**  
(Dimensions at Rt. L's to C Roadway)



**SECTION THRU HEADWALL**



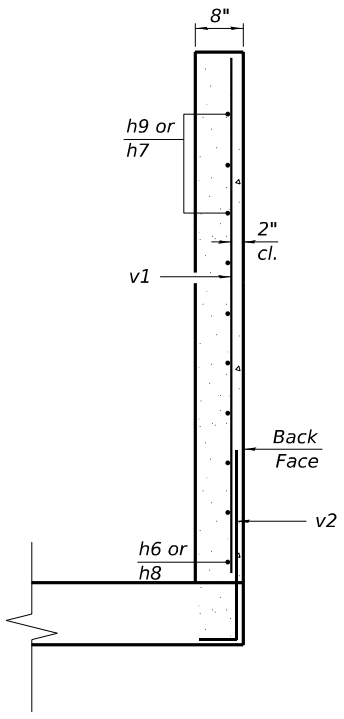
**WING WALL REINFORCEMENT**



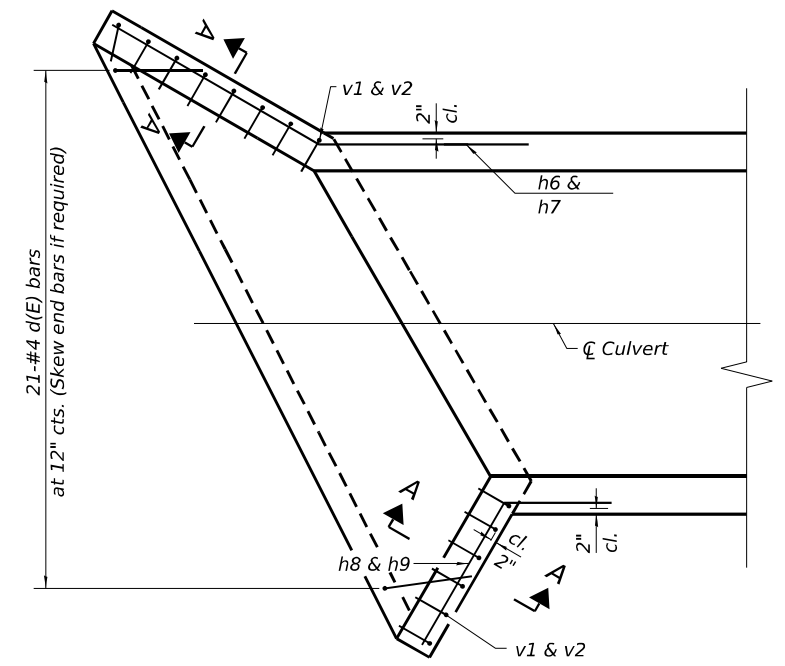
**WEST WINGWALL**

**PLAN**

**SHOWING HEADWALL**



**SECTION A-A**



**WING WALL PLAN VIEW**

\*\* 7-#4 s(E) bars at 12" cts. (Skew end bars if required)

\* "a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

Notes:  
Barrel shall be poured monolithically with the wingwalls.

MODEL: West End Detail-1 [Sheet]  
FILE NAME: c:\p\work\p\main\oms5098\68K14-sh-h-West End Section.dgn



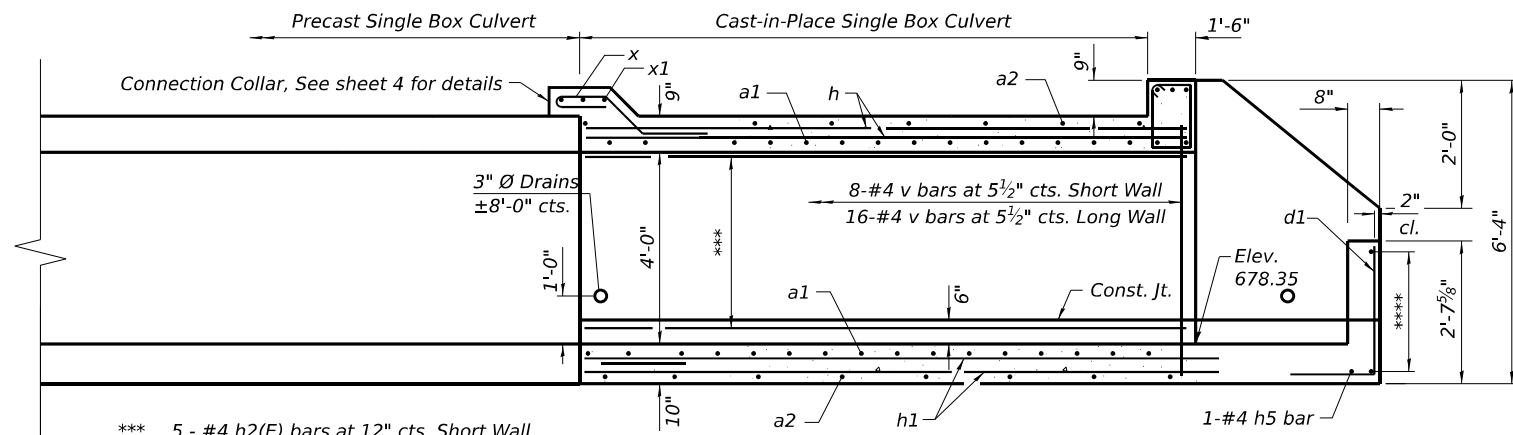
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST END SECTION DETAILS

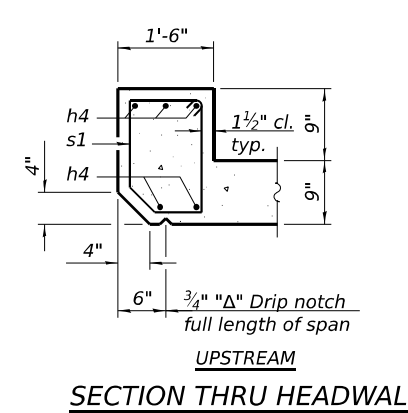
SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

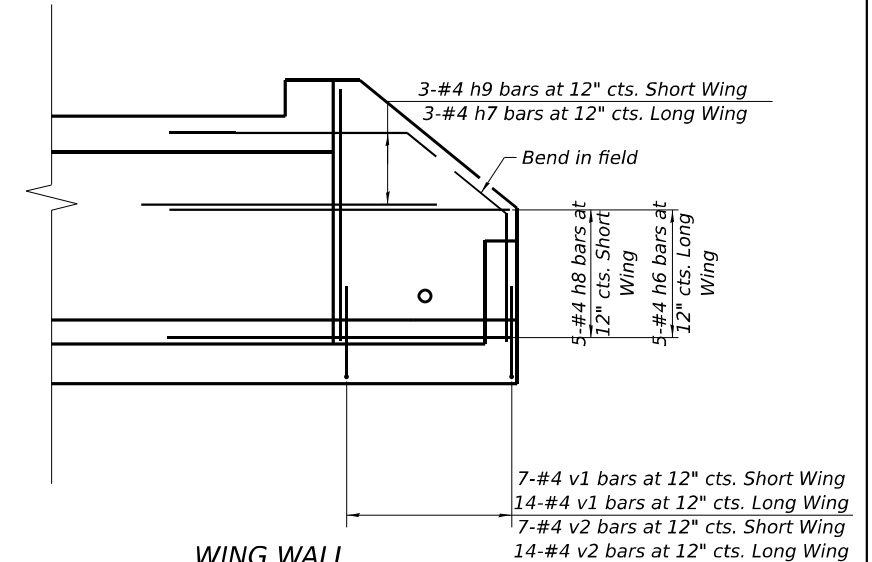


\*\*\* 5 - #4 h2(E) bars at 12" cts. Short Wall  
5 - #4 h3(E) bars at 12" cts. Long Wall

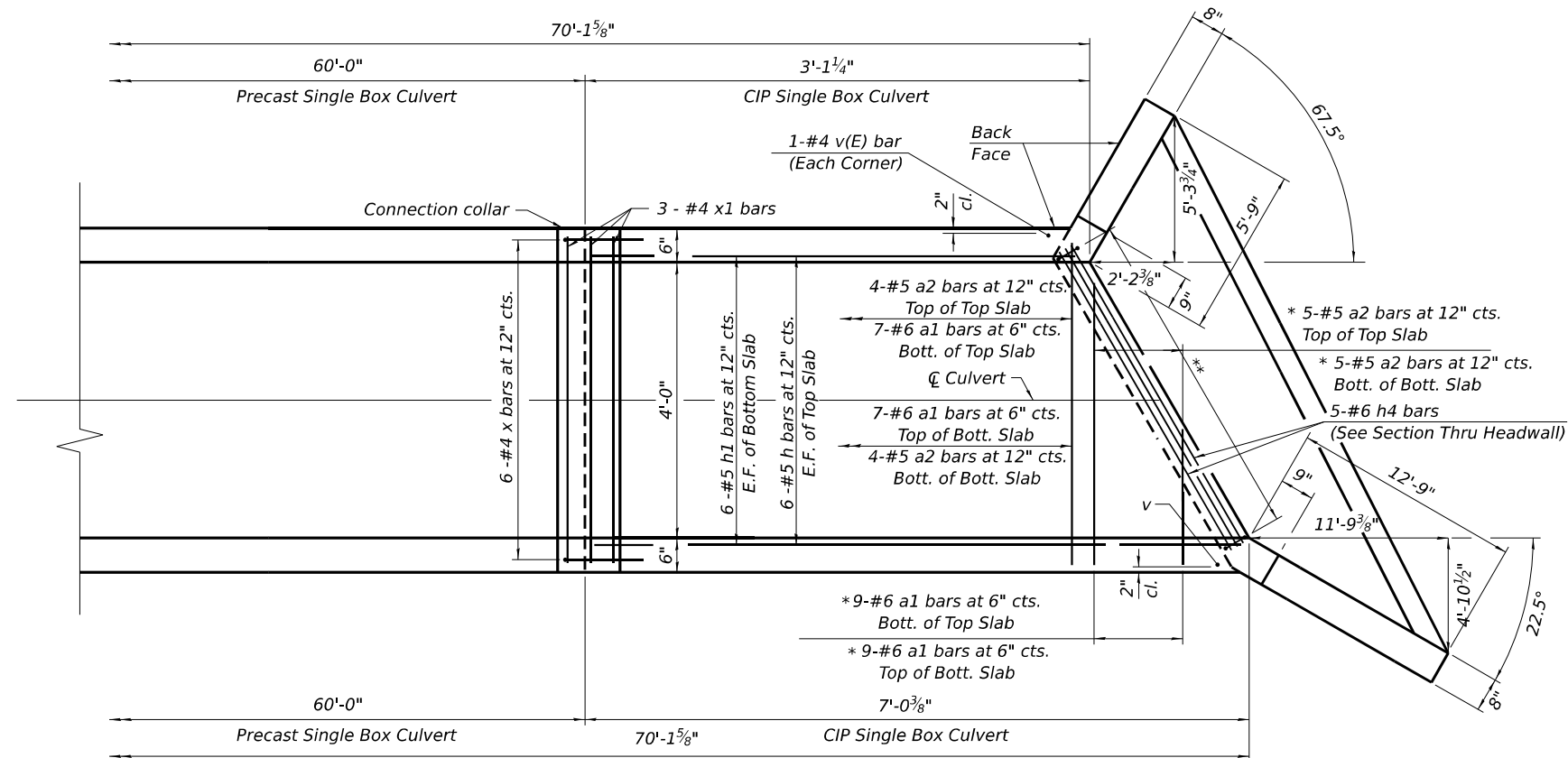
**LONGITUDINAL SECTION**  
(Dimensions at Rt. L's to C Roadway)



**SECTION THRU HEADWALL**  
UPSTREAM



**WING WALL REINFORCEMENT**



**SHOWING HEADWALL**

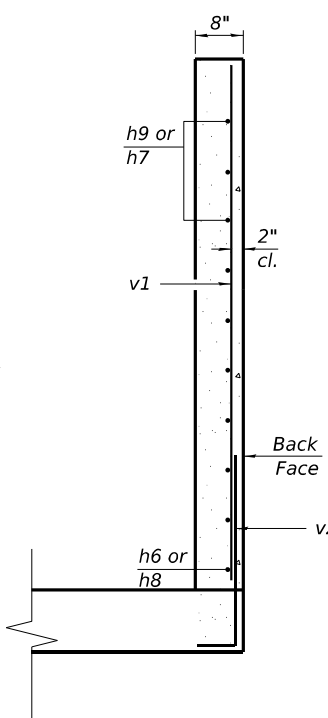
**PLAN**

**EAST WINGWALL**

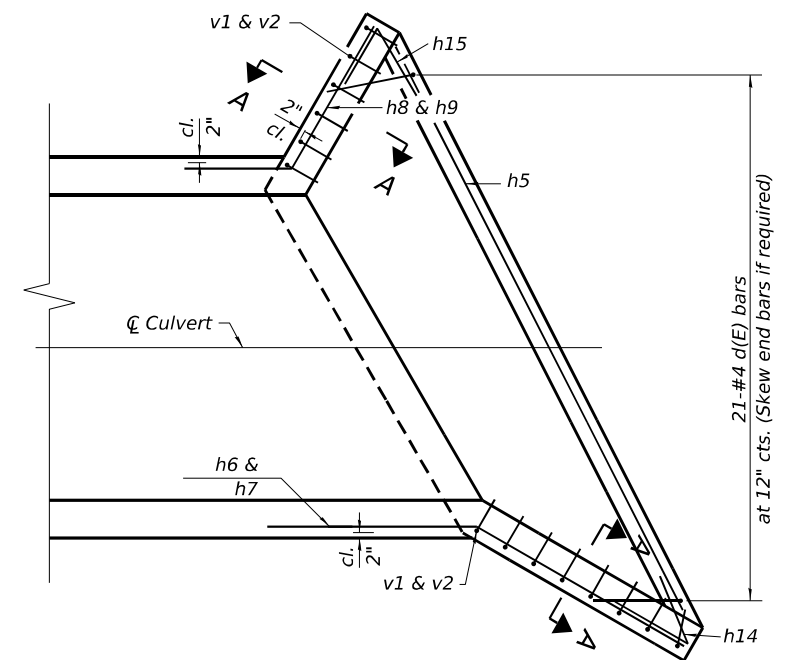
\* "a" bars in skew portion of slab shall be ordered full length & cut to fit. Balance of bar to be used in opposite end of culvert.

\*\* 7-#4 s1(E) bars at 12" cts. (Skew end bars if required)

Notes:  
Barrel shall be poured monolithically with the wingwalls.



**SECTION A-A**



**WING WALL PLAN VIEW**

MODEL: East End Section-1 (Sheet)  
FILE NAME: c:\p\work\p\main\oms5098\14-sh-East End Section.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

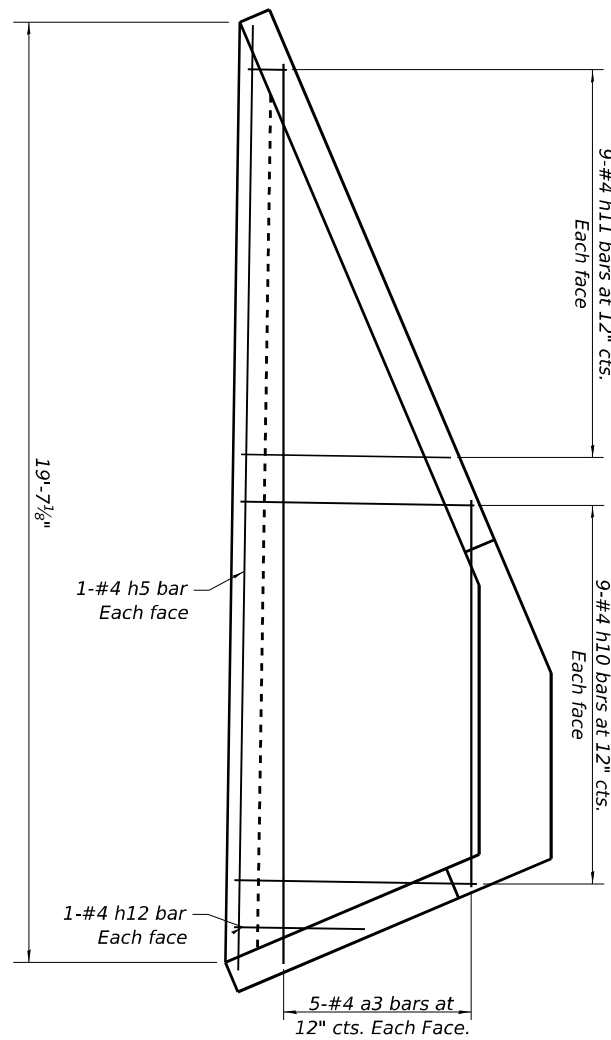
EAST END SECTION DETAILS

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

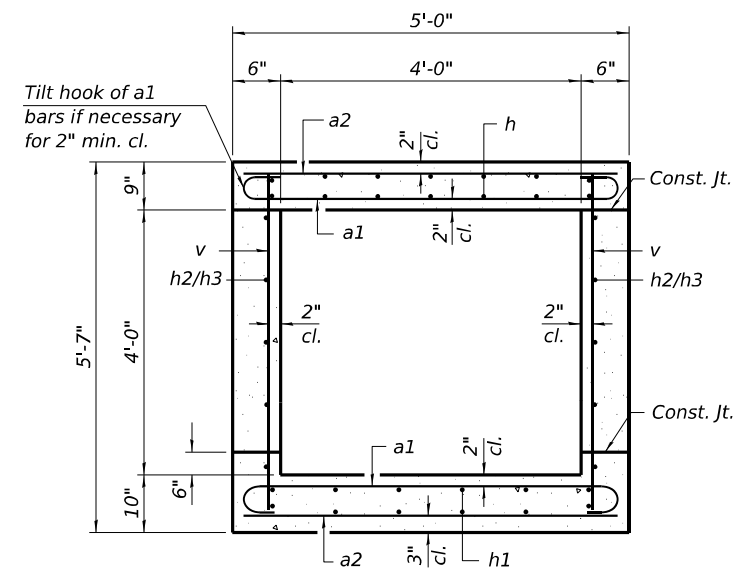
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	46
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

**BILL OF MATERIAL**

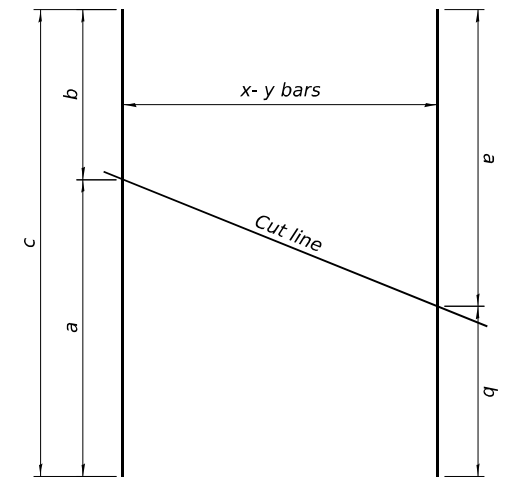
Bar	No.	Size	Length	Shape
a1(E)	46	#6	6'-0"	
a2(E)	26	#5	4'-8"	
a3(E)	10	#4	26'-8"	
d(E)	21	#4	4'-5"	
d1(E)	21	#4	4'-0"	
h(E)	12	#5	9'-6"	
h1(E)	12	#5	15'-2"	
h2(E)	10	#4	2'-9"	
h3(E)	10	#4	6'-8"	
h4(E)	10	#6	5'-3"	
h5(E)	9	#4	19'-3"	
h6(E)	10	#4	15'-9"	
h7(E)	6	#4	8'-0"	
h8(E)	10	#4	8'-9"	
h9(E)	6	#4	8'-0"	
h10(E)	36	#4	4'-10"	
h11(E)	18	#4	5'-3"	
h12(E)	2	#4	2'-9"	
h14(E)	4	#4	4'-0"	
h15(E)	4	#4	4'-0"	
s(E)	7	#4	5'-9"	
s1(E)	7	#4	5'-7"	
v(E)	52	#4	5'-2"	
v1(E)	42	#4	5'-4"	
v2(E)	42	#4	3'-10"	
x(E)	12	#4	7'-2"	
x1(E)	6	#4	4'-8"	
Concrete Box Culverts			Cu. Yd.	15.5
Reinforcement Bars			Pound	2,410



**END APRON DETAIL**  
Same for both ends



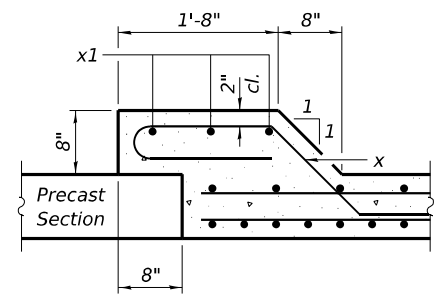
**SECTION THRU BARREL**



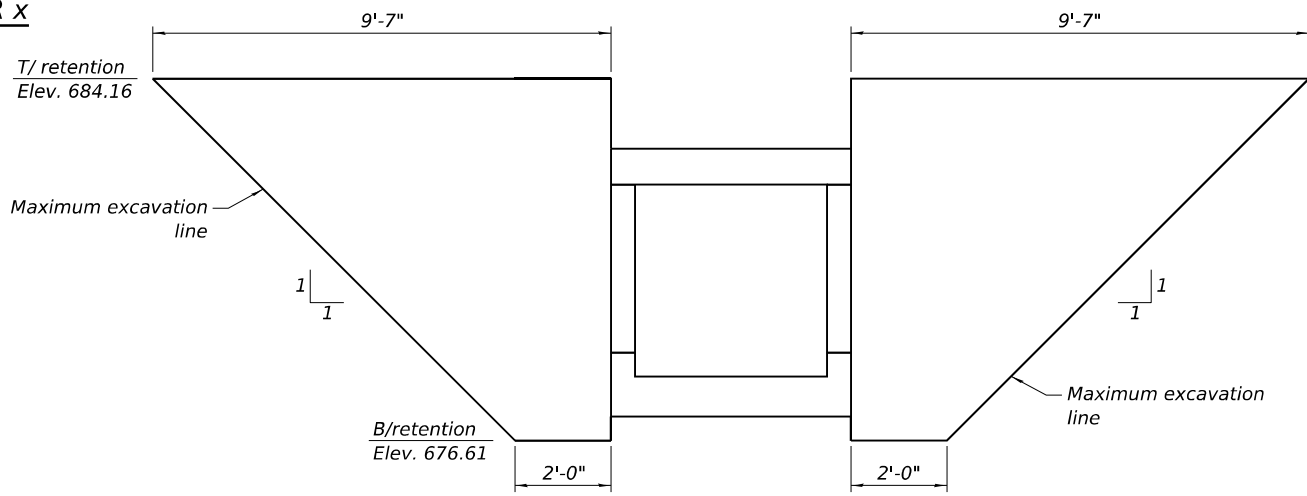
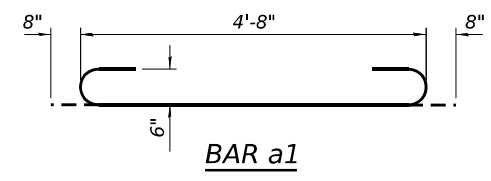
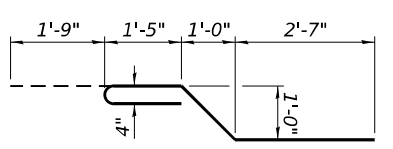
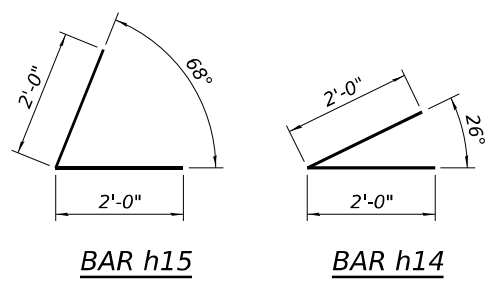
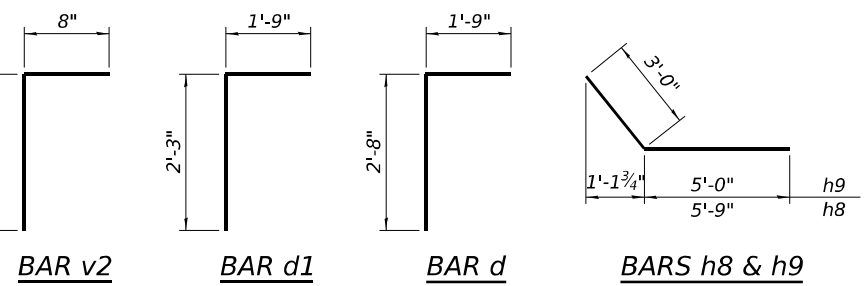
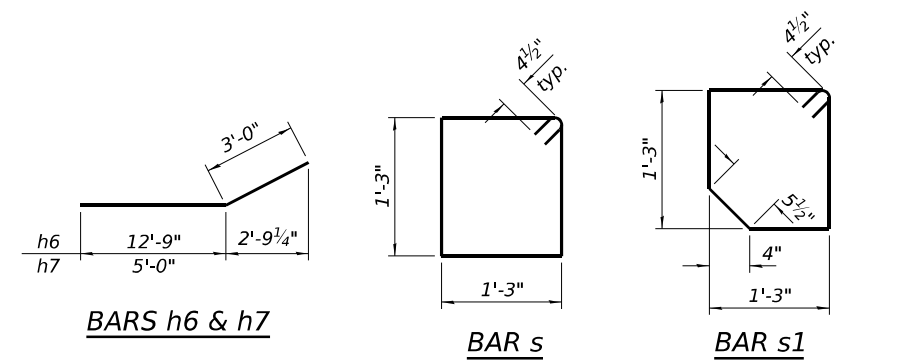
**FIELD CUTTING DIAGRAM**

Order bars full length, cut as shown and use remainder of bars in opposite face of slab

Bar	x	a	b	c	Count
a3	5	18'-9"	7'-11"	26'-8"	2
h	6	6'-9"	2'-9"	9'-6"	2
h1	6	9'-7"	5'-7"	15'-2"	2
h11	9	4'-4"	10"	5'-3"	2



**SECTION THRU CONNECTION COLLAR**



**TEMPORARY SOIL RETENTION SYSTEM**

Measured Along C IL 94  
Similar for both stage construction

MODEL: DETAIL SHEET (Sheet)  
FILE NAME: c:\p\work\p\main\oms5098\68K14-shd-Detail 3.dgn



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

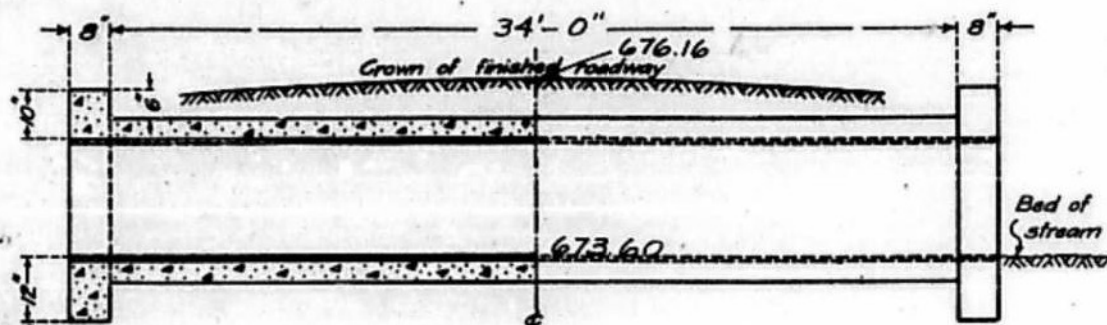
**CULVERT DETAILS**

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

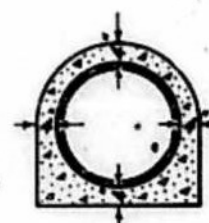
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	47
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS  
PIPE CULVERT  
FOR PRIVATE ENTRANCES

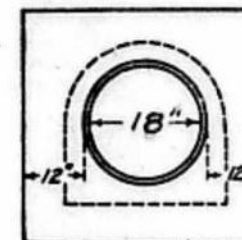
DESIGN DISTRICT	CONTRACT NO.	SECTION	TOTAL SHEETS	SHEET NO.
9A	54	Henderson	77	65



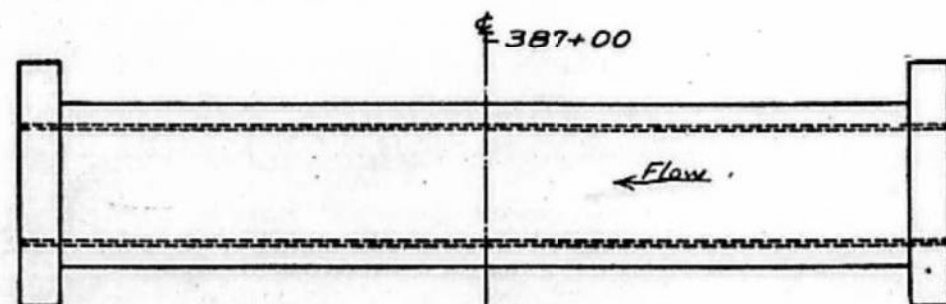
LONGITUDINAL SECTION ELEVATION



SECTION OF BARREL



END ELEVATION



PLAN

QUANTITIES.

Design No.	Diameter of Pipe.	Cubic Feet per Foot of Barrel.	Cubic Feet in two Headwalls.	Total Concrete Cu. Yds.
1	12"	1.92	10.8	
2	14"	2.21	11.9	
3	15"	2.36	12.4	
4	16"	2.49	12.9	
5	18"	2.76	13.9	4.0
6	20"	3.06	15.0	
7	22"	3.35	16.0	
8	24"	3.63	17.1	
9	27"	4.16	18.9	
10	30"	4.64	20.6	

Class X Concrete shall be used throughout.  
Vitrified ~~drain pipe~~ <sup>drain tile</sup> shall be used for the inside form and shall be left in place.  
If a removable form is used, the concrete barrel shall be made 6" thick instead of 4."

COMPUTED - J. J. J.
CHECKED - J. J. J.
DRAWN - W. J. J.
CHECKED - J. J. J.
APPROVED - J. J. J.
DATE - 3/11/26

19-26-31  
[Handwritten signatures and initials]

STATION 386+10  
STATE BOND ISSUE  
ROUTE 94 SEC. 111  
HENDERSON COUNTY

828

FOR INFORMATION ONLY

MODEL: Culvert Detail-001 [Sheet]  
FILE NAME: c:\p\work\p\main\oms55119\10468K14-shh-Detail-Culvert.dgn



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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

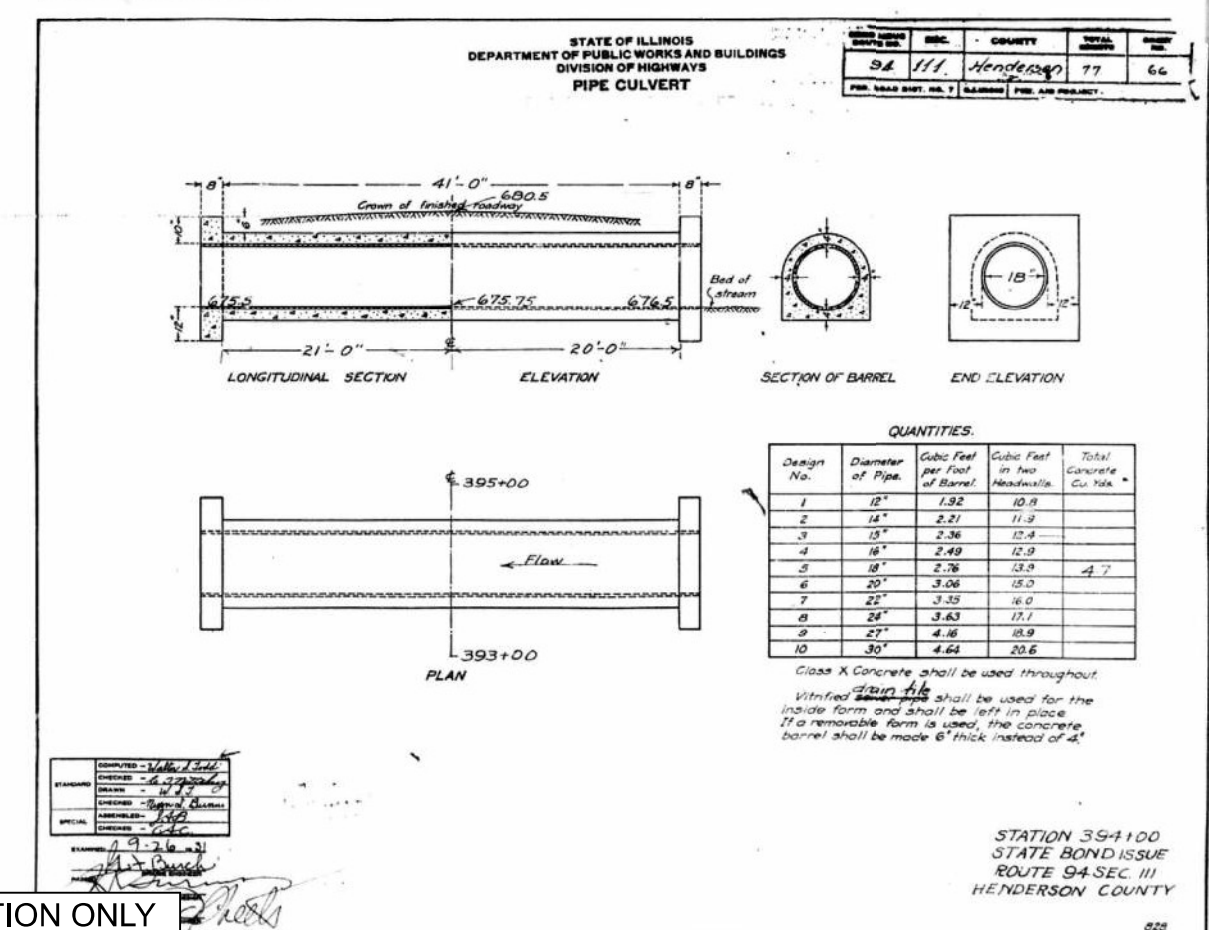
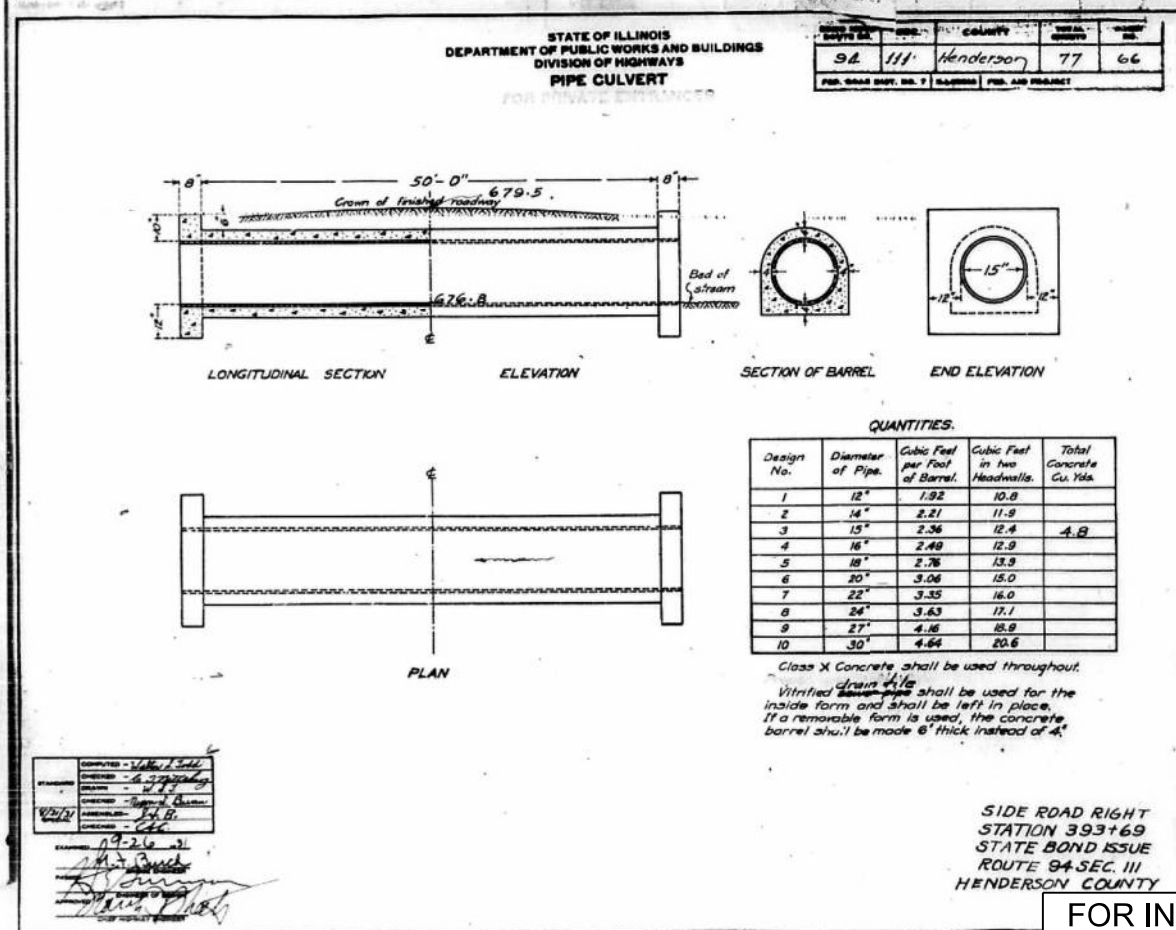
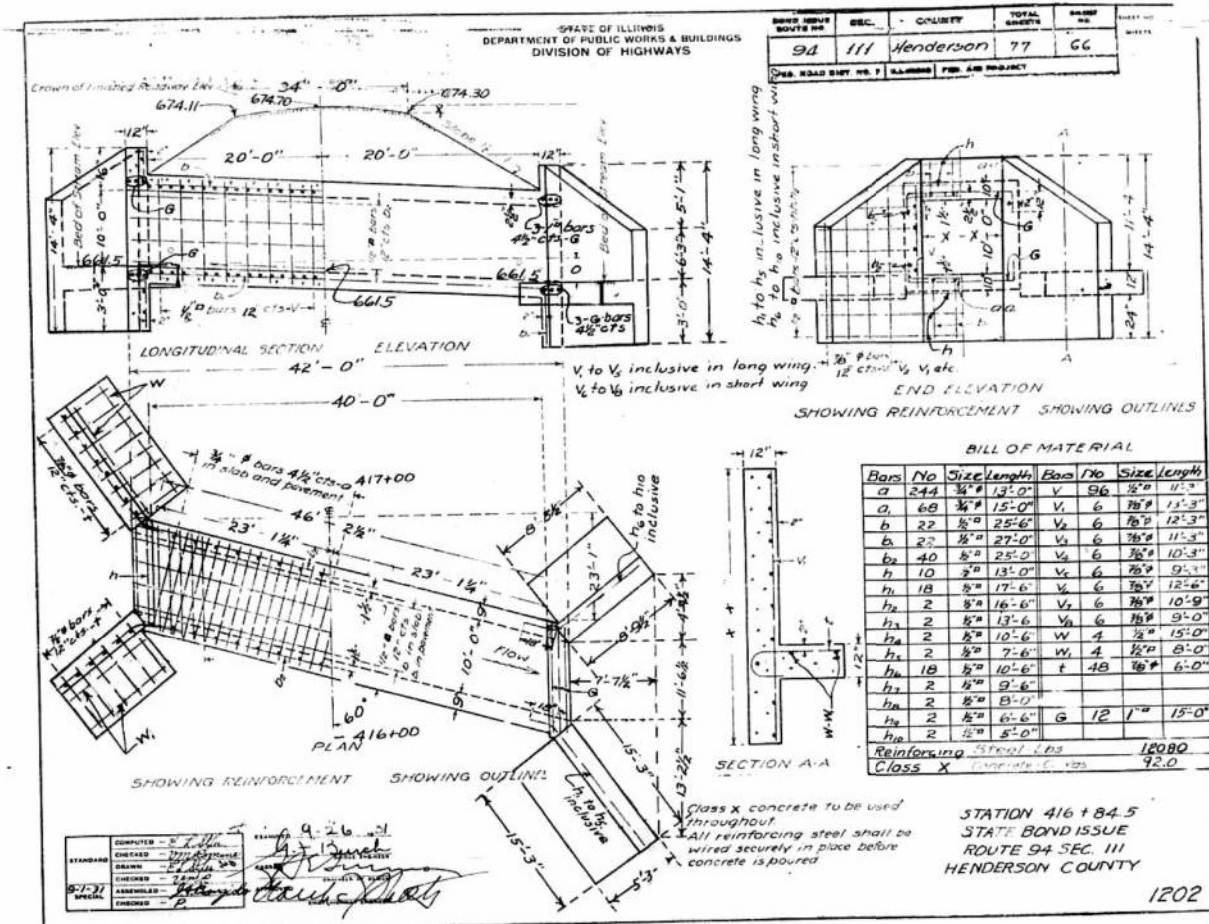
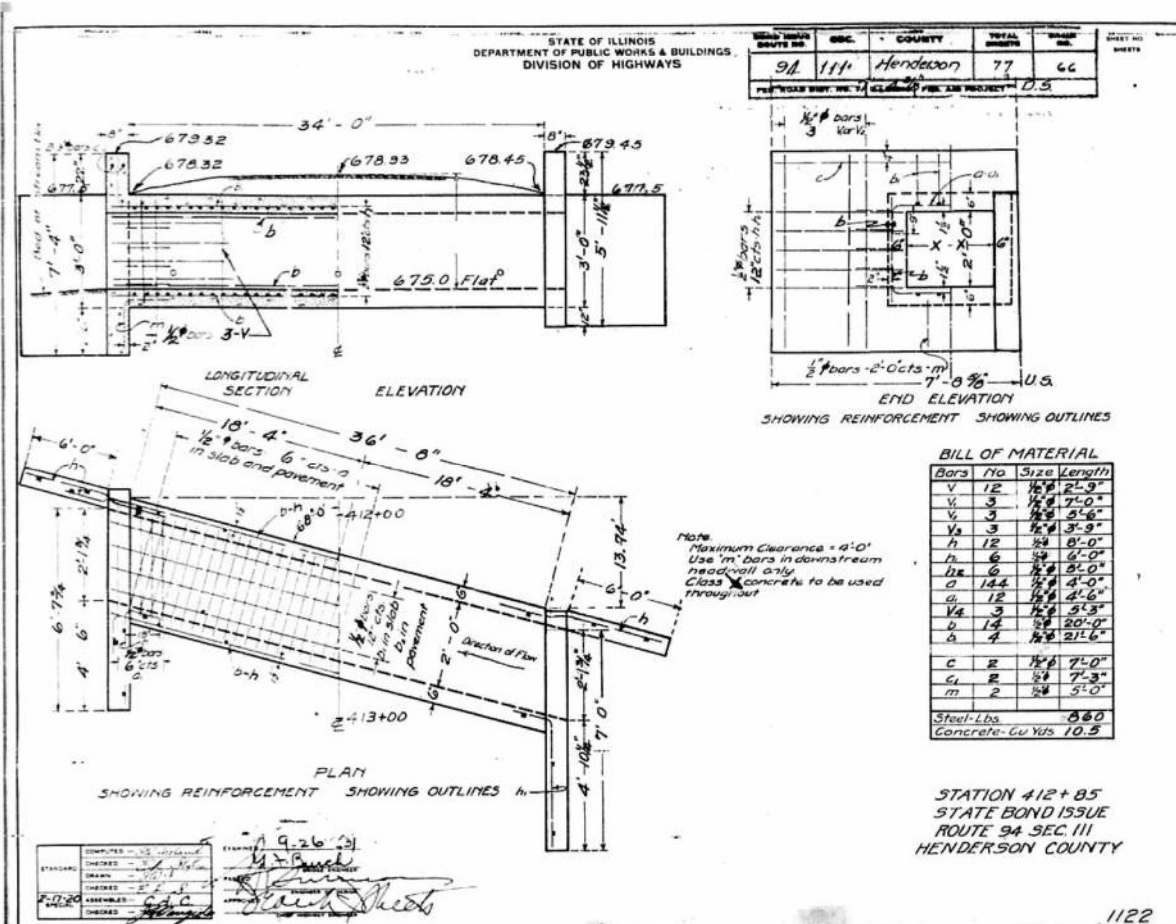
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
ORIGINAL CULVERT PLANS

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	48

CONTRACT NO. 68K14  
ILLINOIS FED. AID PROJECT



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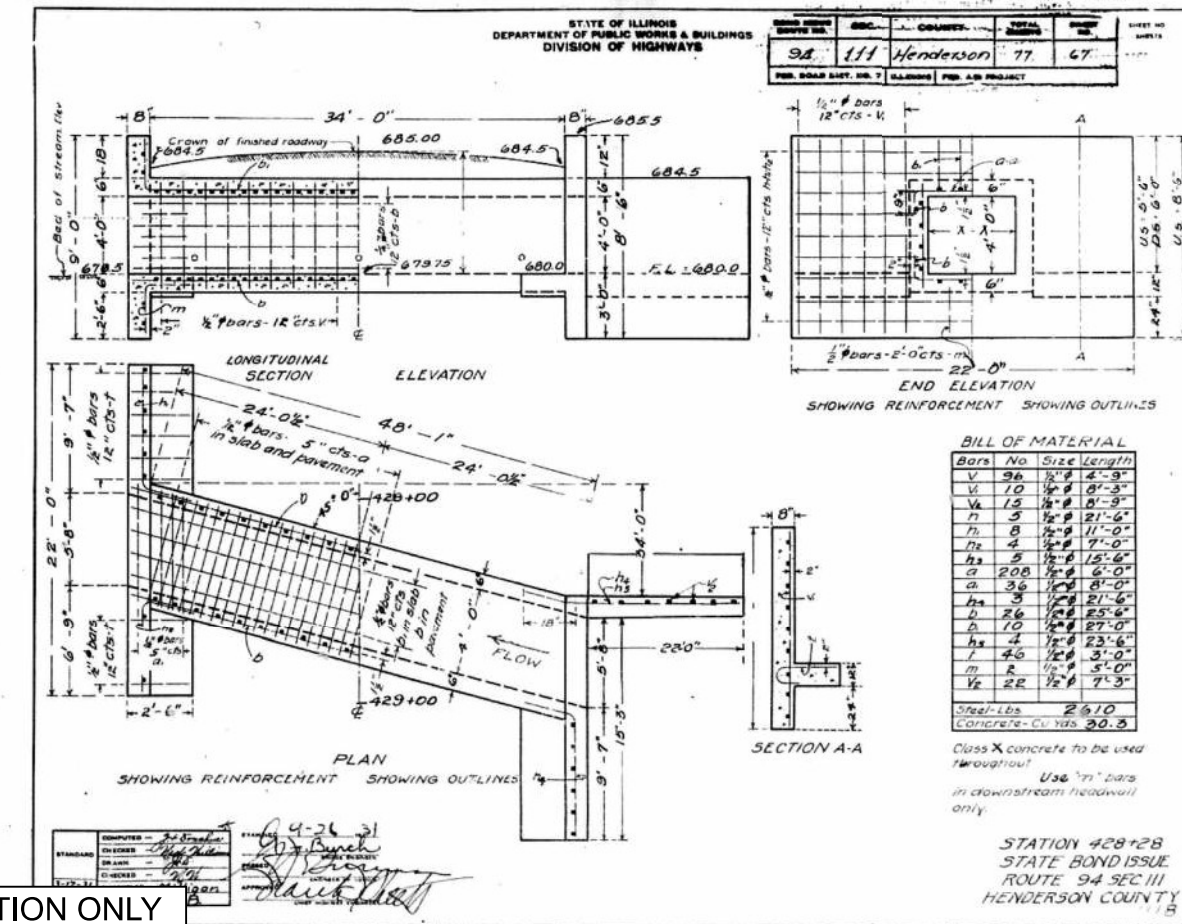
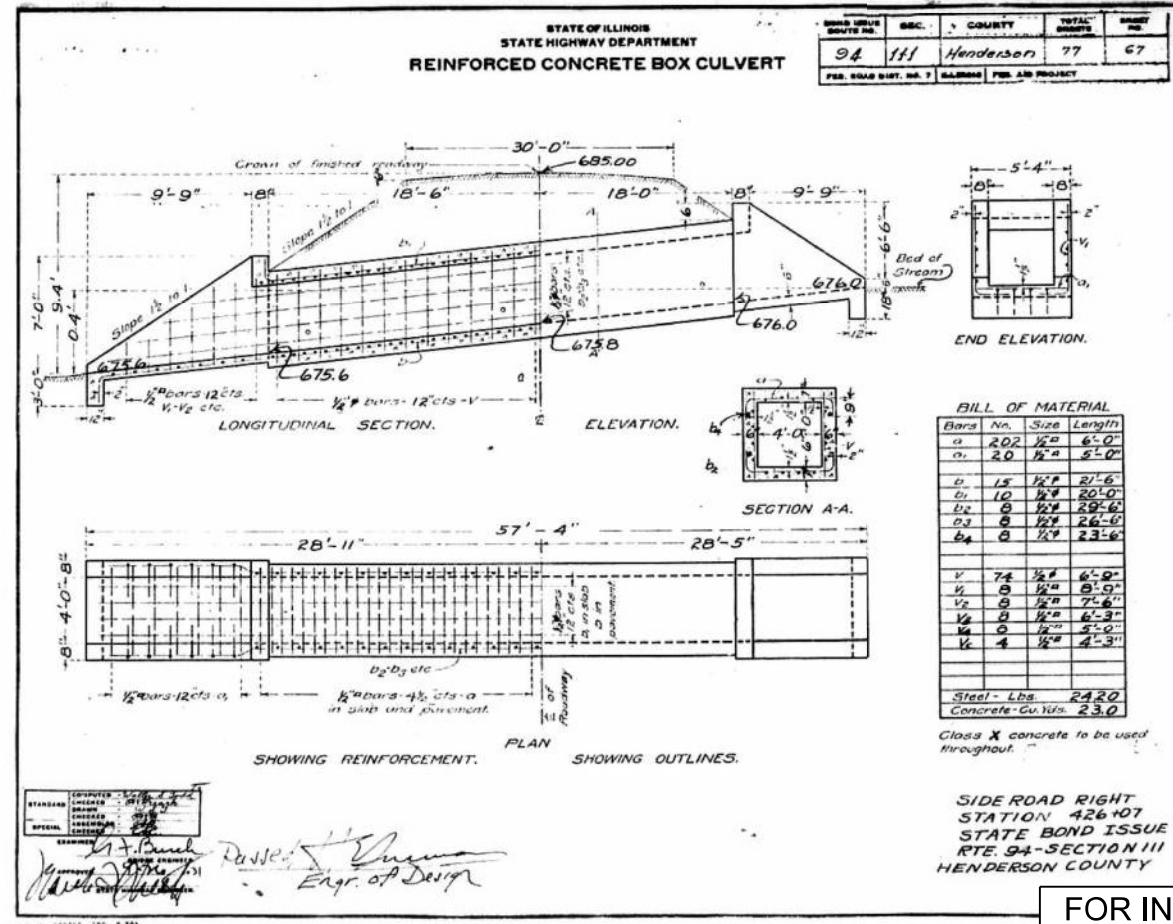
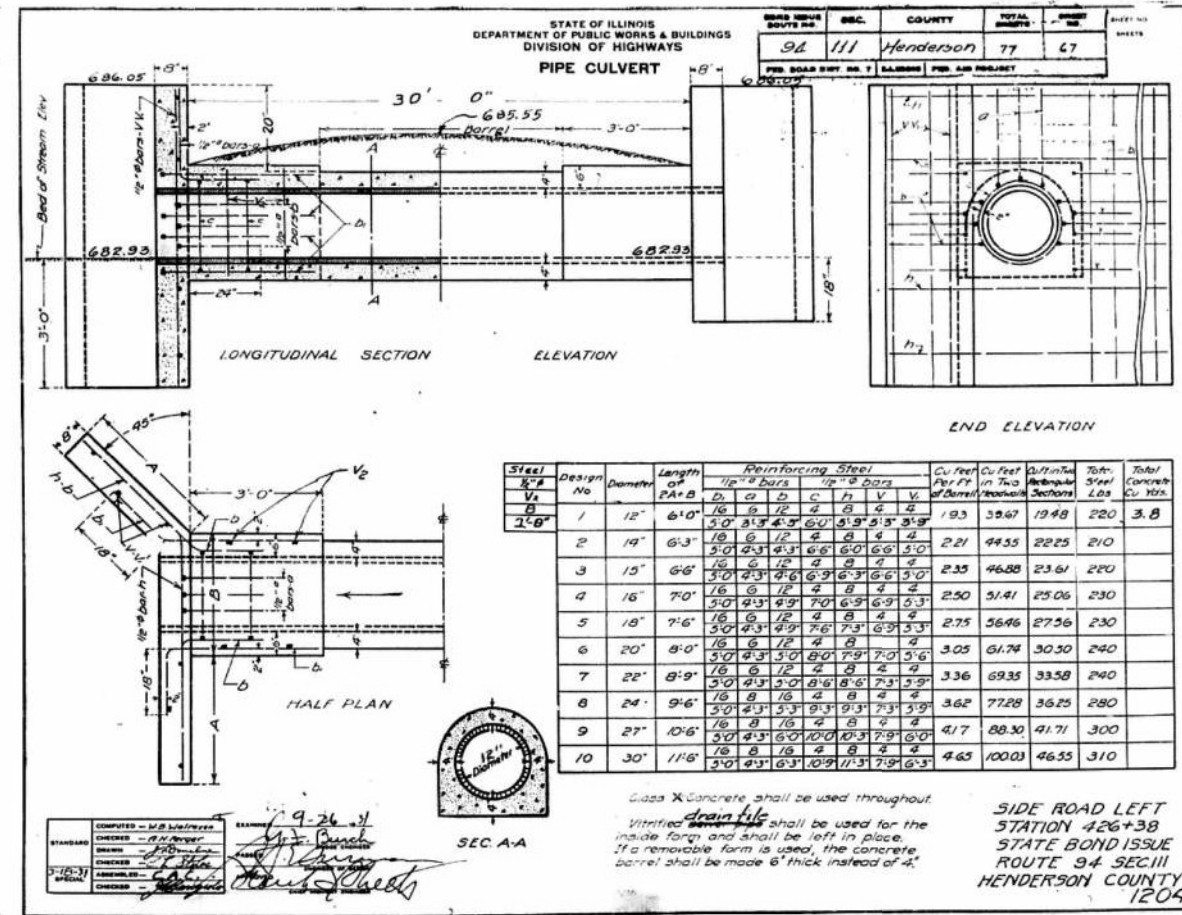
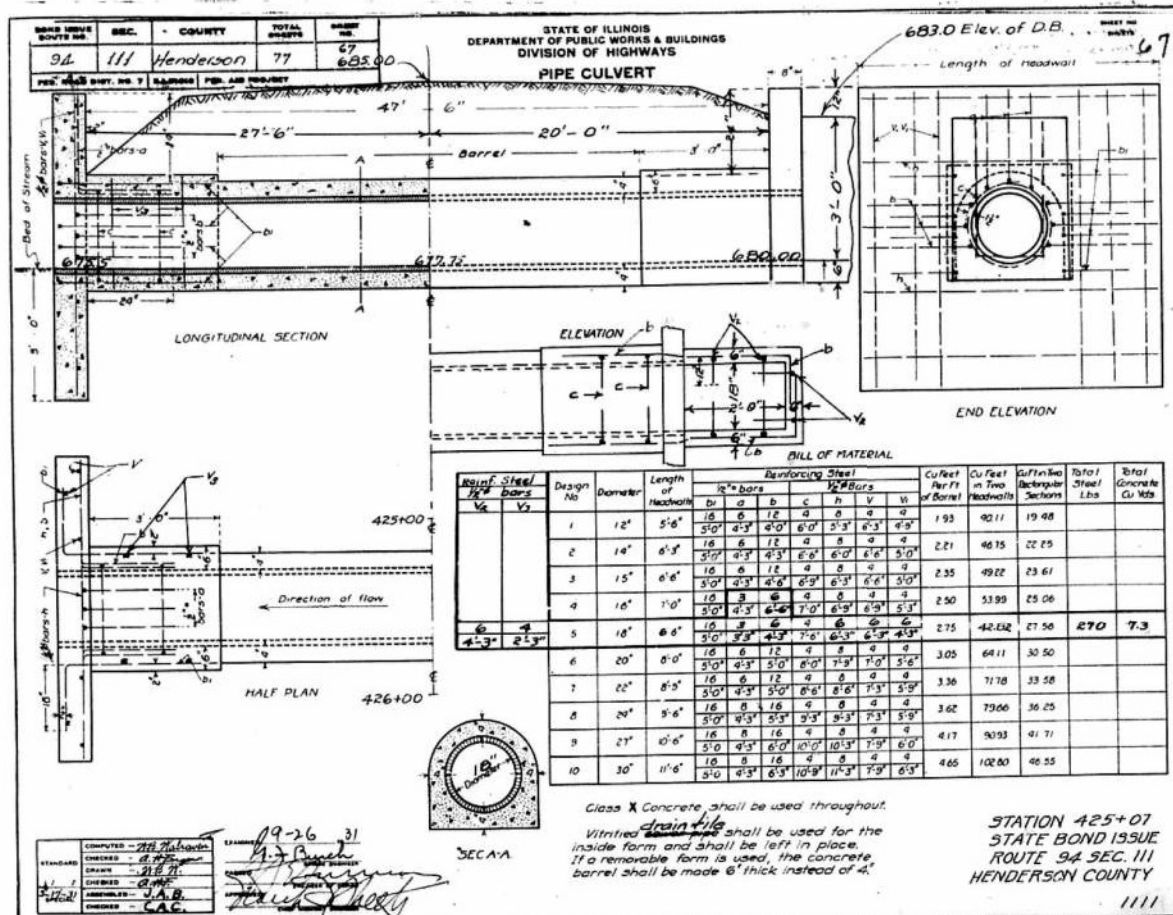
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
ORIGINAL CULVERT PLANS

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	49
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

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USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
	DATE -	REVISED -

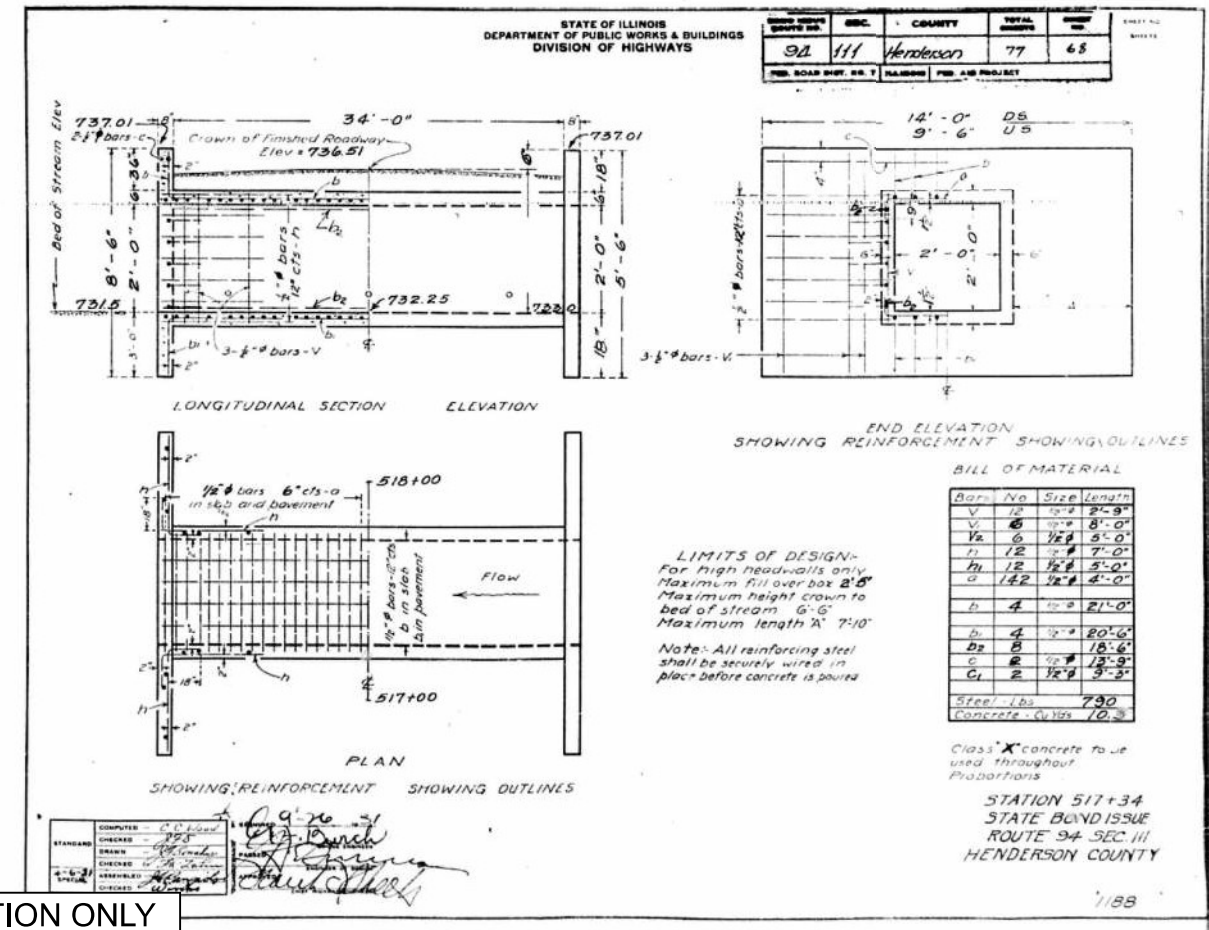
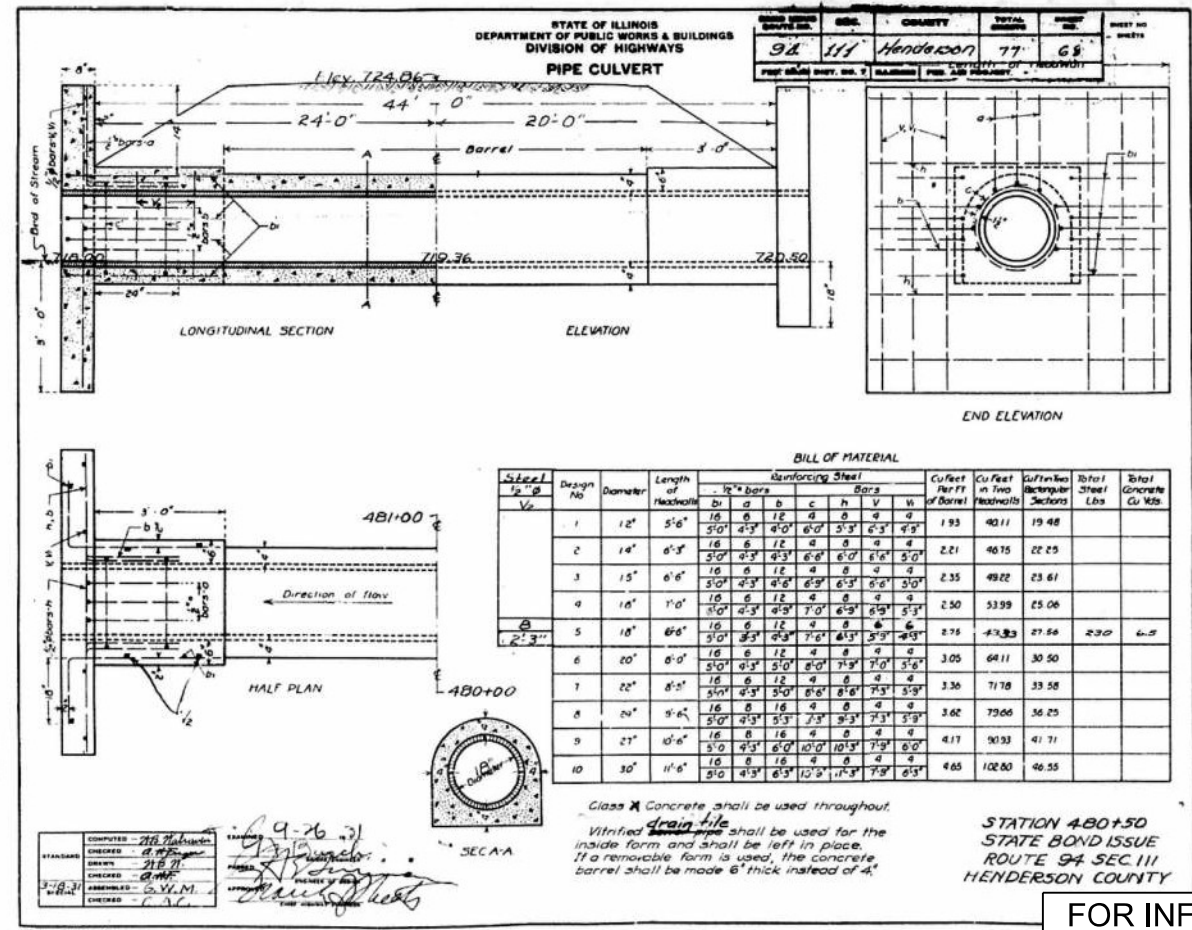
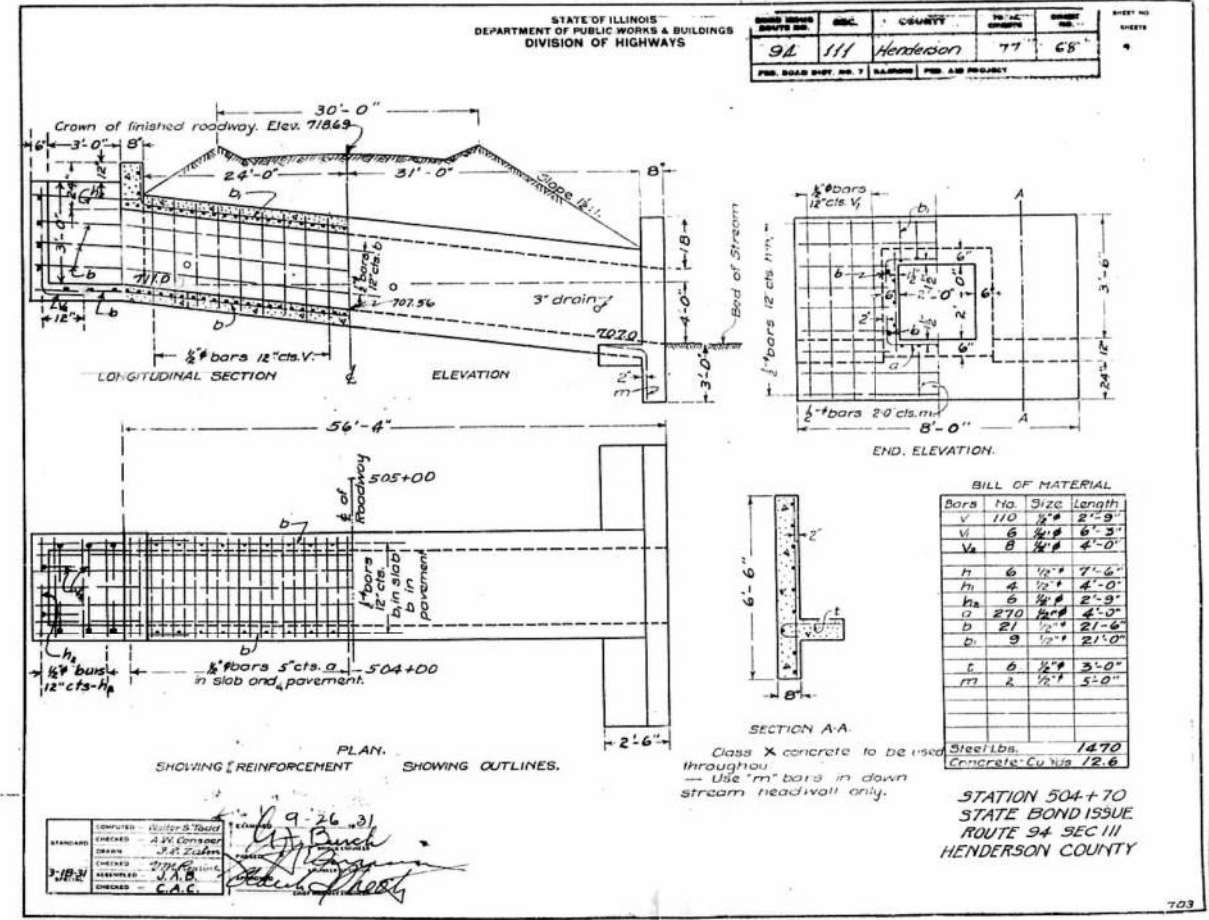
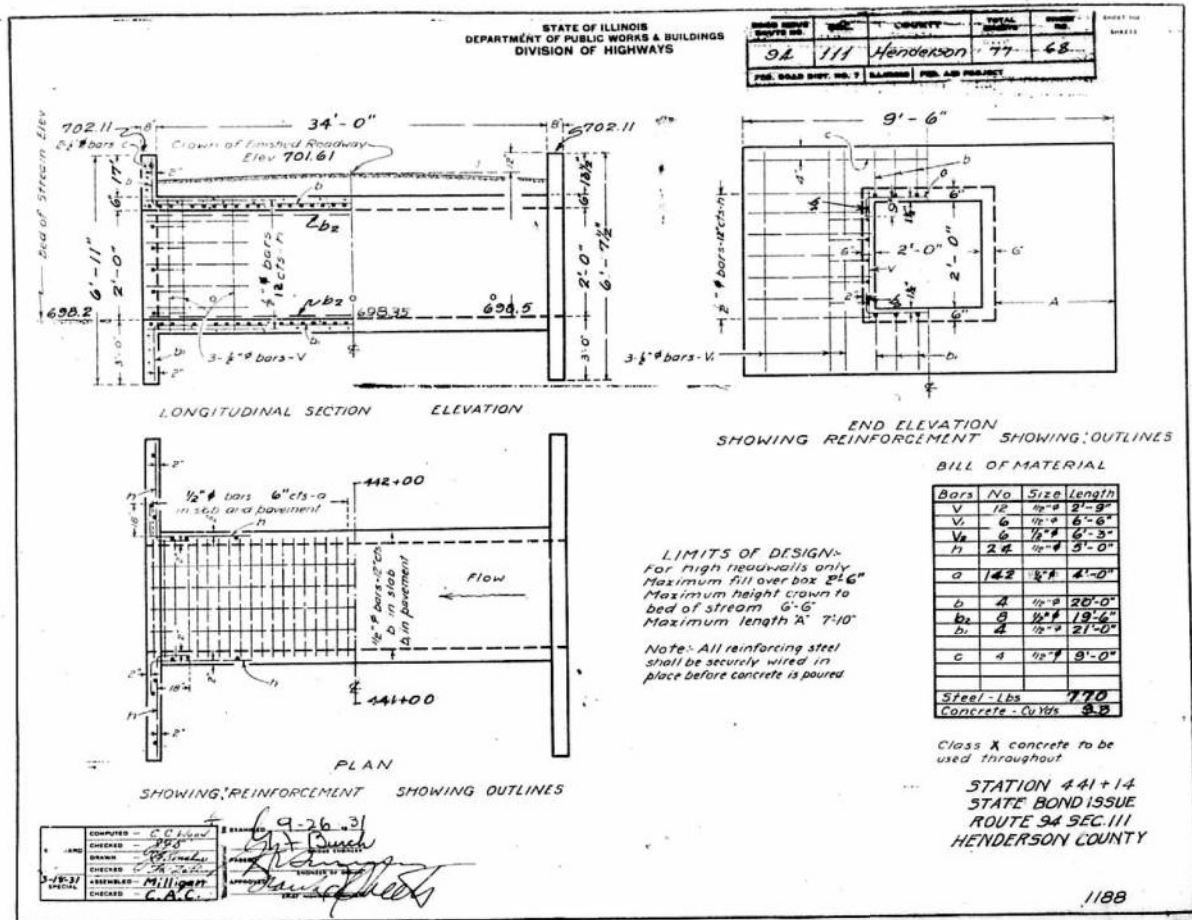
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
ORIGINAL CULVERT PLANS

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	50
CONTRACT NO. 68K14				

ILLINOIS FED. AID PROJECT



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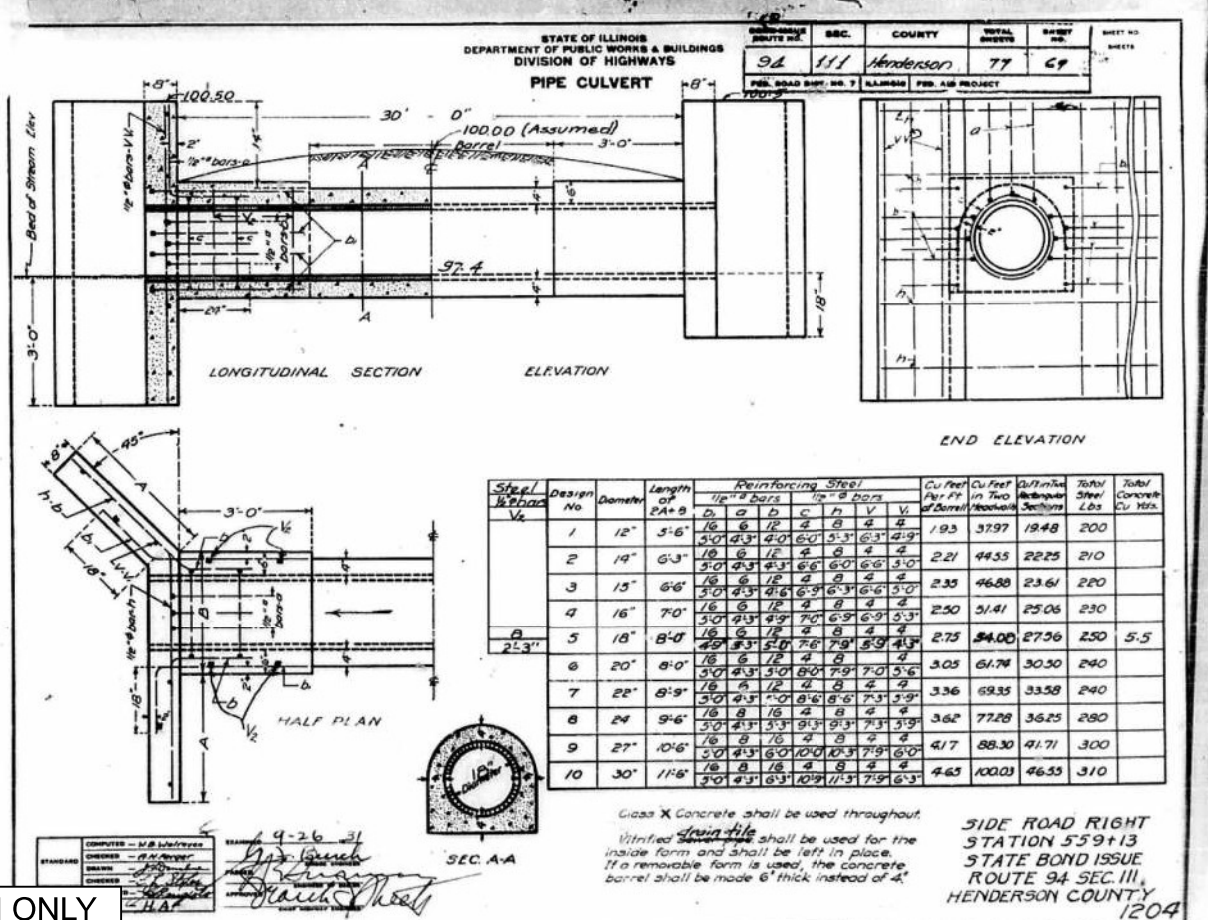
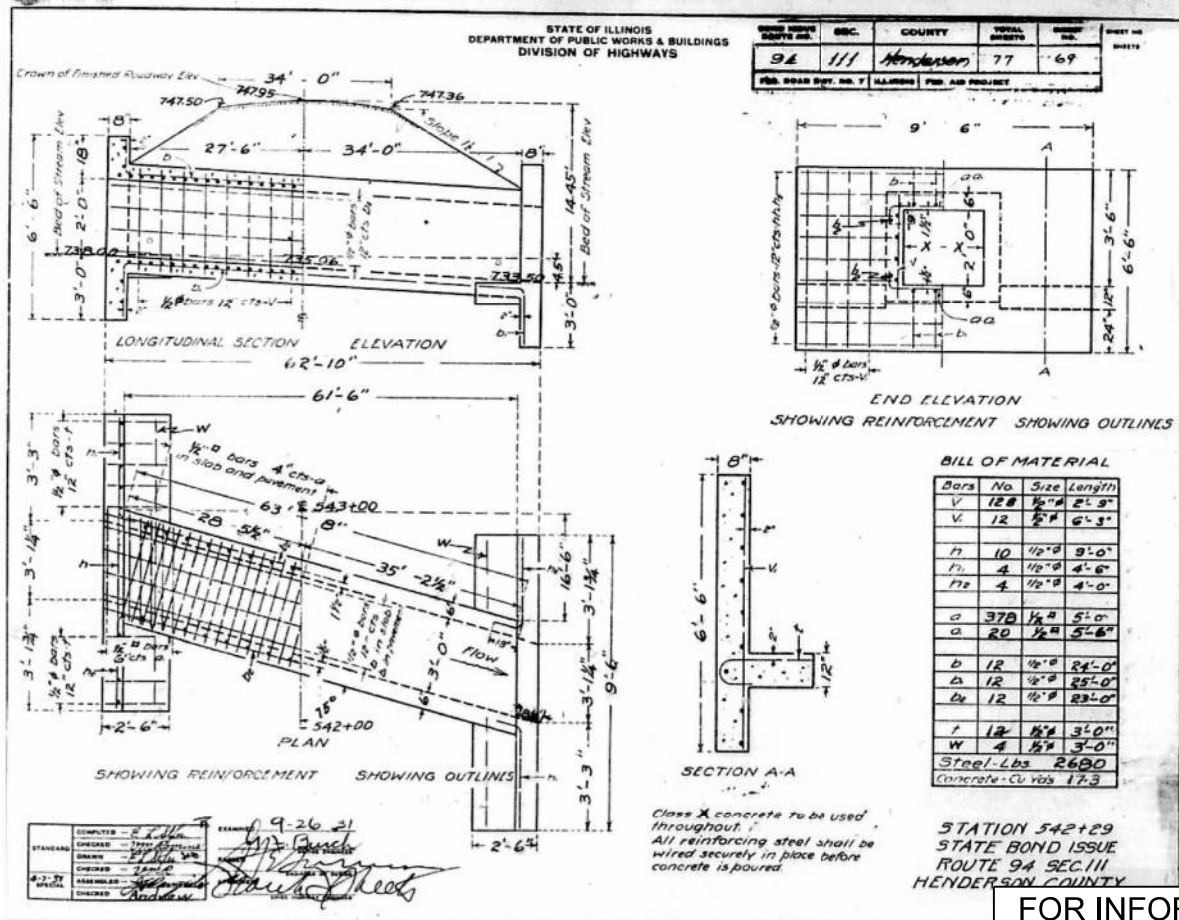
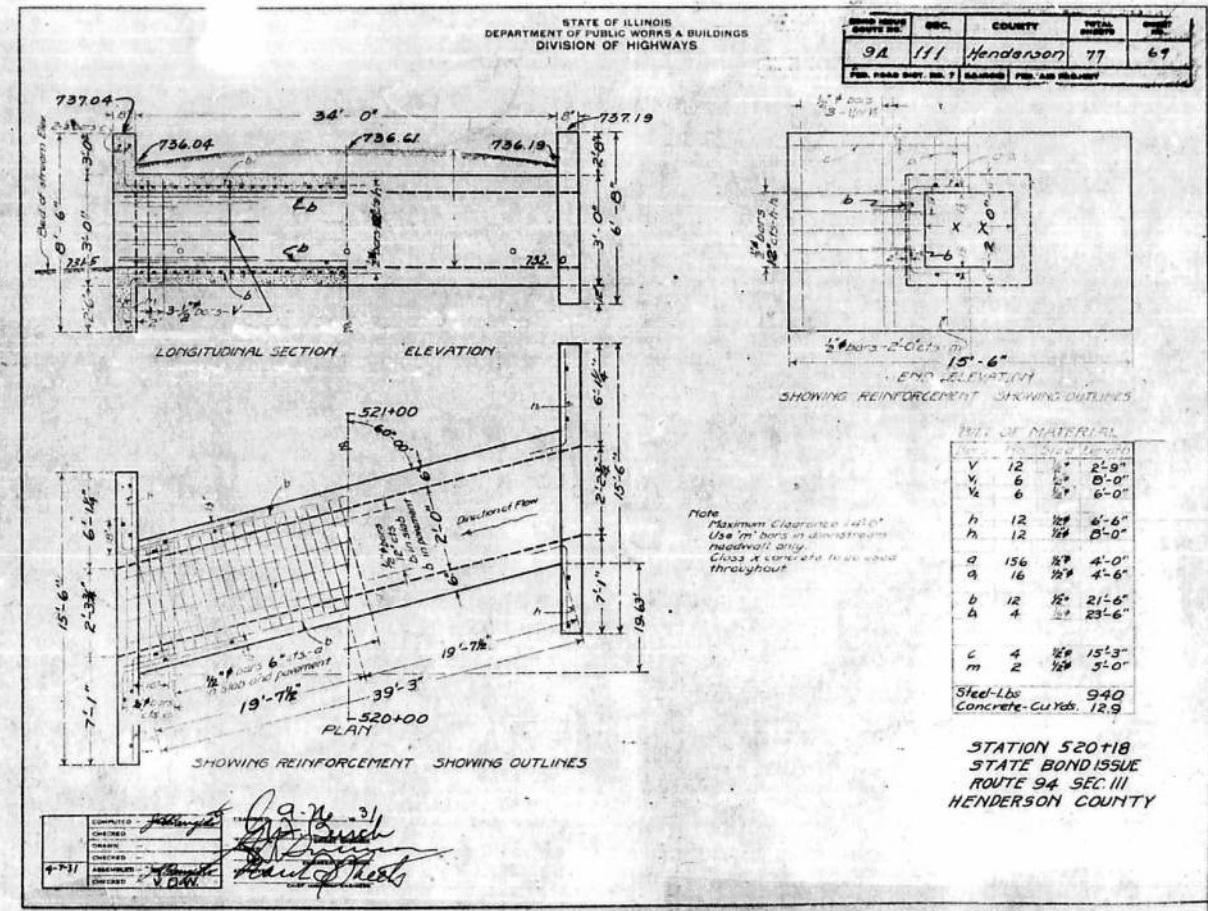
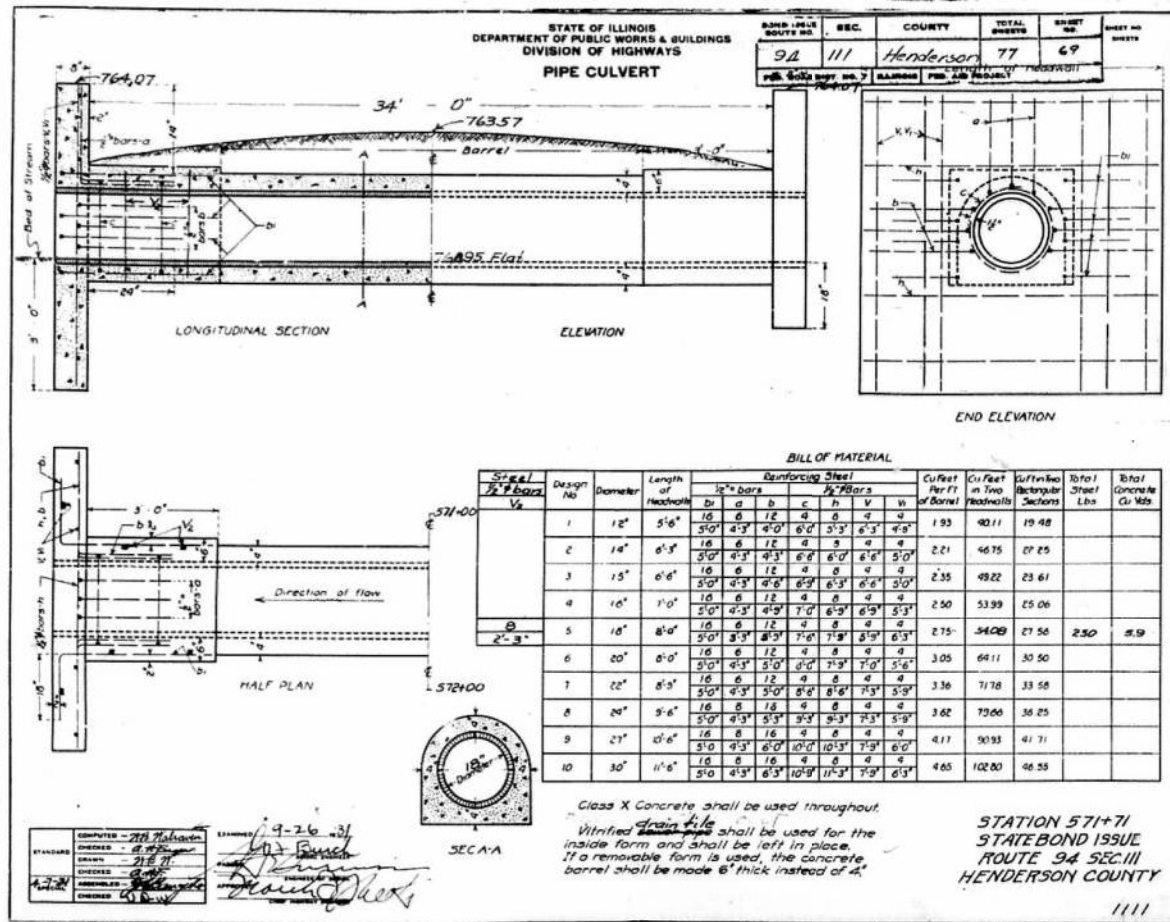
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE 94 ORIGINAL CULVERT PLANS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	51
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				



FOR INFORMATION ONLY

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DATE = 3/18/2026	DATE -	REVISED -

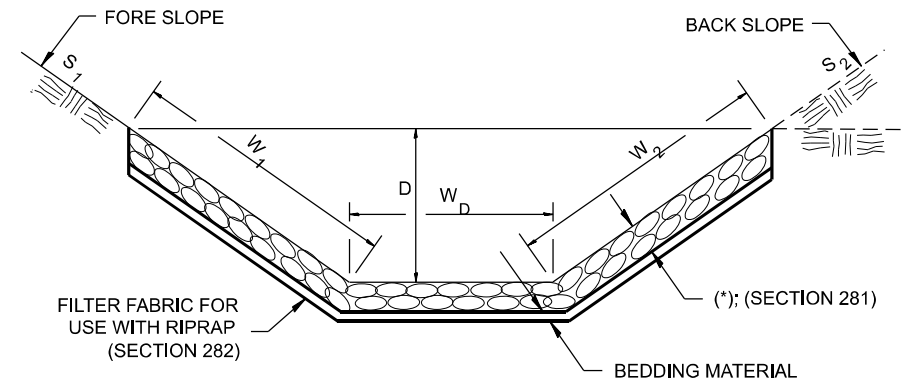
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
ORIGINAL CULVERT PLANS

SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111R-5	HENDERSON	75	52
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

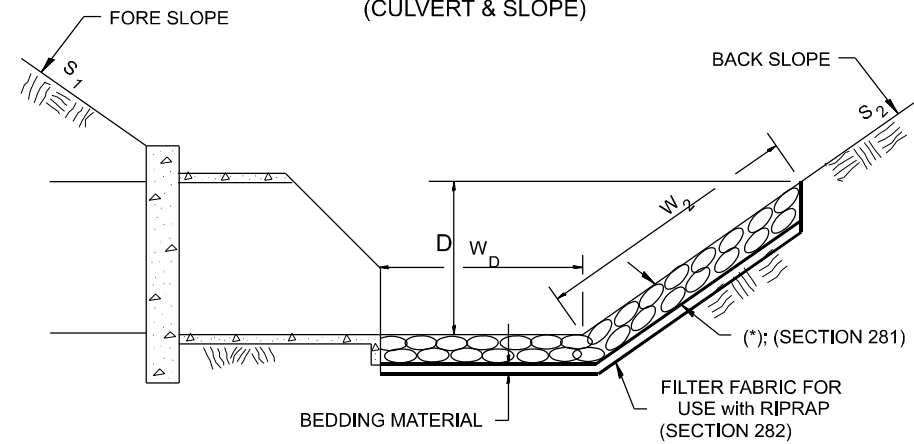
**CASE 1**  
(DITCH)



STONE RIPRAP, CLASS A4 (*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft	lin ft	sq yds	sq yds
316+82 TO 317+17 RT	14.5	35	56.4	56.4
428+01 TO 428+61 LT	8	60	53.3	53.3
428+81 TO 429+00 LT	8	19	17	17
428+22 TO 428+78 RT	8.5	56	53	53
<b>TOTAL</b>			<b>180</b>	<b>180</b>

(1) WIDTH =  $W_1 + W_2 + W_D$

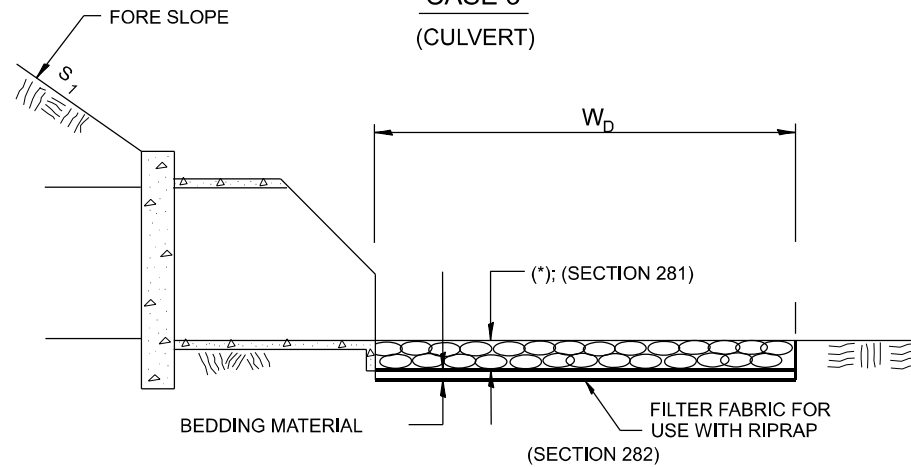
**CASE 2**  
(CULVERT & SLOPE)



STONE RIPRAP, CLASS A4 (*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STA TO STA	lin ft	lin ft	sq yds	sq yds
428+61 TO 428+81 LT	5	20	11.1	11.1
428+02 TO 428+22 RT	13	20	29	29
<b>TOTAL</b>			<b>40</b>	<b>40</b>

(1) WIDTH =  $W_2 + W_D$

**CASE 3**  
(CULVERT)



STONE RIPRAP, CLASS A4 (*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STATION	lin ft	lin ft	sq yds	sq yds
412+85 LT	12.2	61	82.7	82.7
412+85 RT	8	25	22.2	22.2
441+27 LT	6	6	4	4
441+27 RT	9	39	39	39
517+49 LT	6	6	4	4
<b>TOTAL</b>			<b>152</b>	<b>152</b>

(1) WIDTH =  $W_D$

STONE RIPRAP, CLASS A5 (*)				
LOCATION	WIDTH (1)	LENGTH	RIPRAP	FABRIC
STATION	lin ft	lin ft	sq yds	sq yds
425+33 RT	4.5	3.6	1.8	1.8
480+76 LT	4.5	12.5	6.3	6.3
520+19 LT	6	12.5	8.3	8.3
<b>TOTAL</b>			<b>16</b>	<b>16</b>

(1) WIDTH =  $W_D$

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise noted.

MODEL: D4-281001  
FILE NAME: c:\p\work\p\main\oms5169\04-281001.dgn



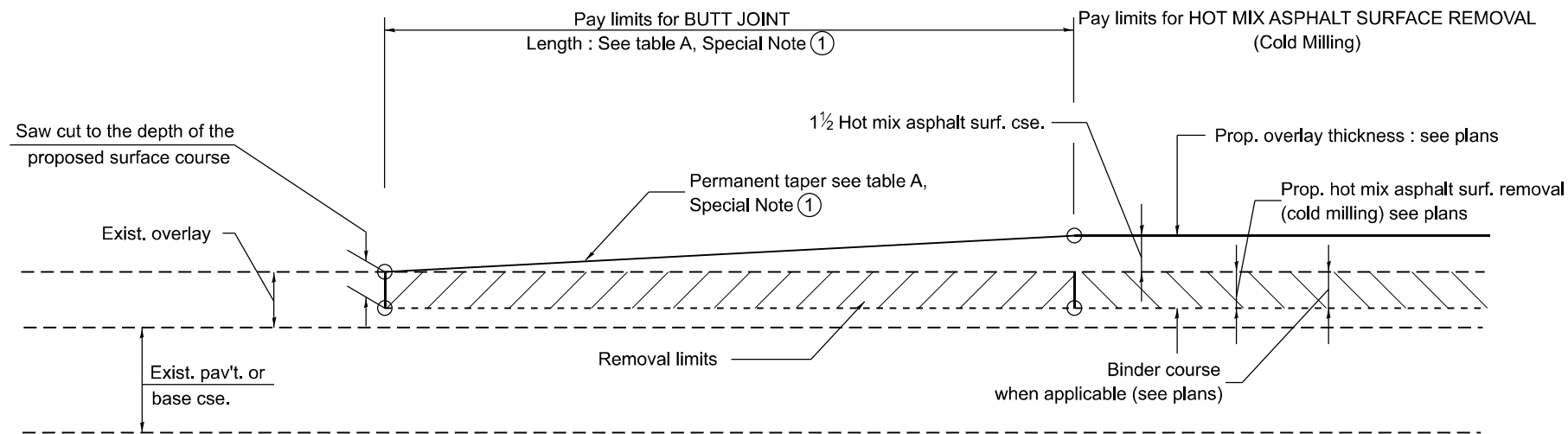
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	DRAWN -	REVISED -
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PLOT DATE = 3/12/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**RIPRAP DITCH FOR EROSION PROTECTION**

SCALE: NOT TO SCALE SHEET 001 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	53
DISTRICT 4 DETAIL NO. 281001			CONTRACT NO. 68K14	
ILLINOIS FED. AID PROJECT				



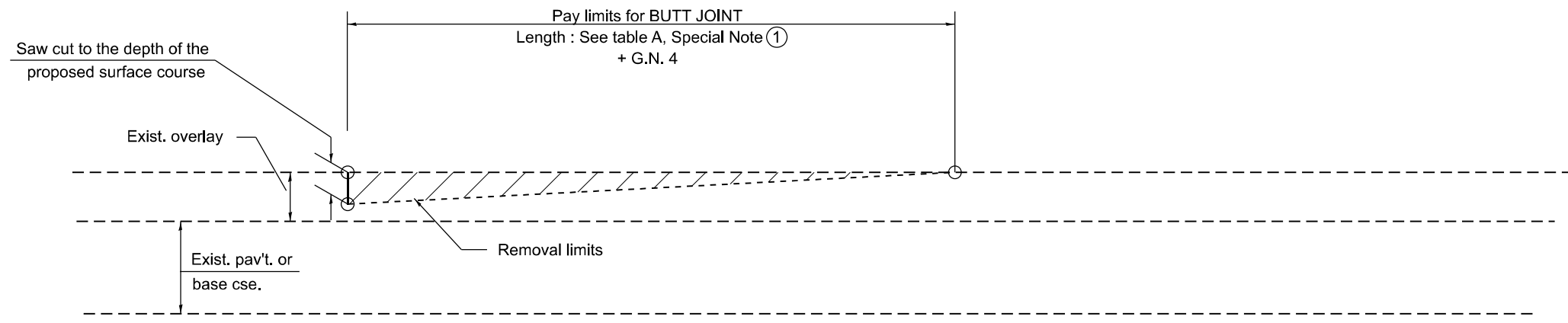
**CASE 1 : WITH HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

**TABLE A  
TAPER RATES**

SPECIAL NOTE NUMBER	ELEMENT	MAINLINE INTERSTATES & 4-LANE EXPRESSWAYS	ALL OTHERS
①	BUTT JOINT TAPER RATE	1:480	1:240
②	TEMPORARY RAMP TAPER RATE	1:80	1:40

**GENERAL NOTES**

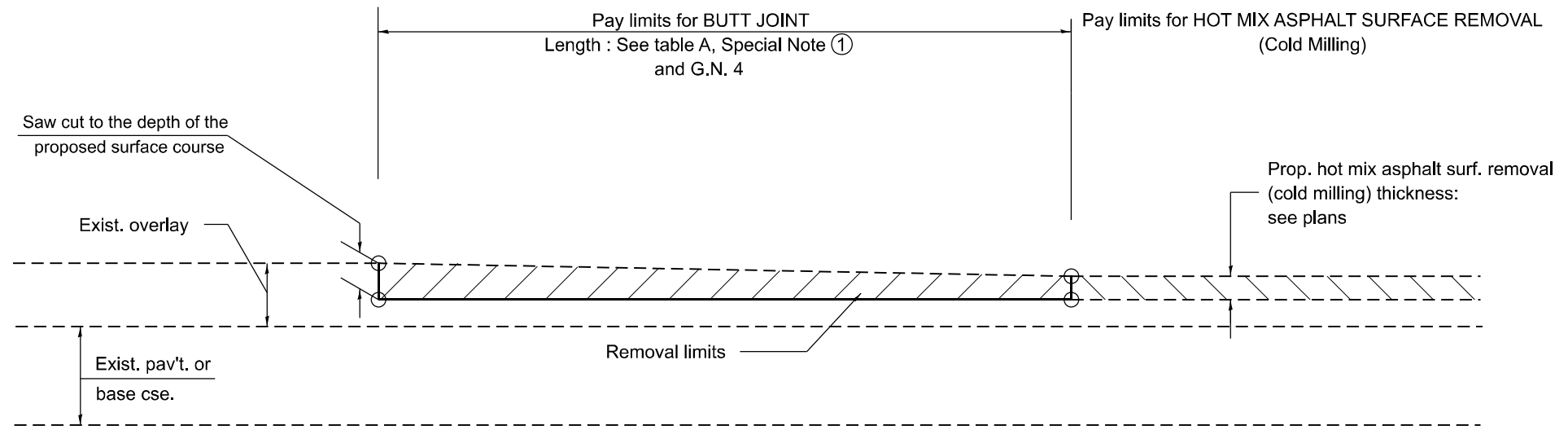
1. The work shall be done in accordance with Article 406.08 and the Special Provision for Butt Joints.
2. The pavement surface to be removed may be either bituminous or P.C. concrete. The work shall be performed in accordance with Article 440.04 and the Special Provisions for Butt Joints.
3. The saw cut joints shall be primed just prior to the placing of bituminous material. The work will be in accordance with the applicable portions of Article 406.05.
4. The length of butt joint is based on the taper rate times change in cold milling depth within the butt joint pay limits, unless otherwise indicated.
5. Temporary ramps are paid for separately and not included in the cost of the butt joints.



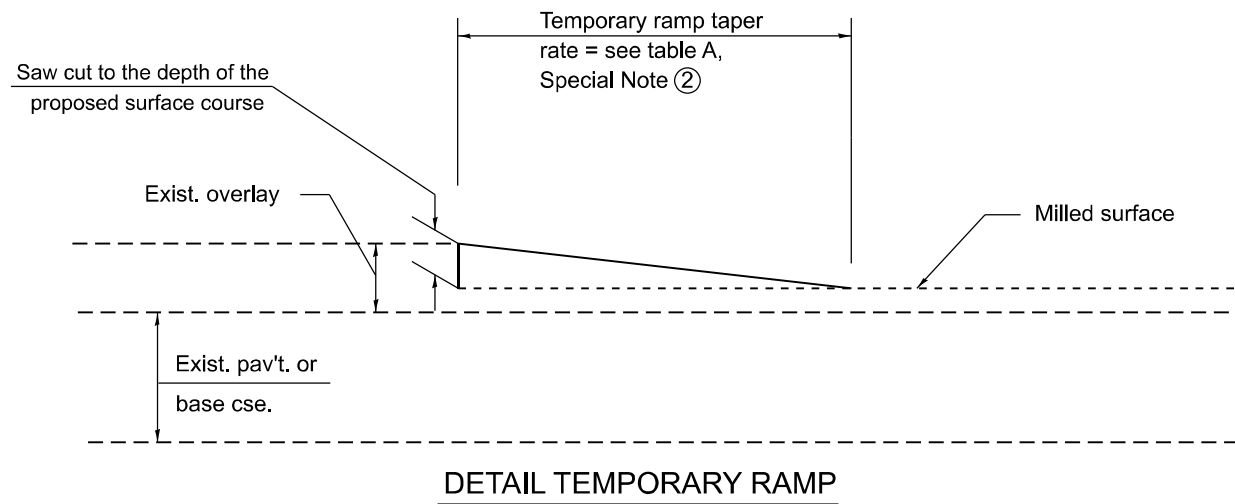
**CASE 2 : NO HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**

All dimensions are in inches unless otherwise noted.

MODEL: D4-406101-01  
FILE NAME: c:\p\work\pw\_main\oms51690\4-406101.dgn



**CASE 3 : HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)  
TIE-IN TO EXISTING BITUMINOUS TAPER**



All dimensions are in inches unless otherwise noted.

MODEL: D4-406101-02  
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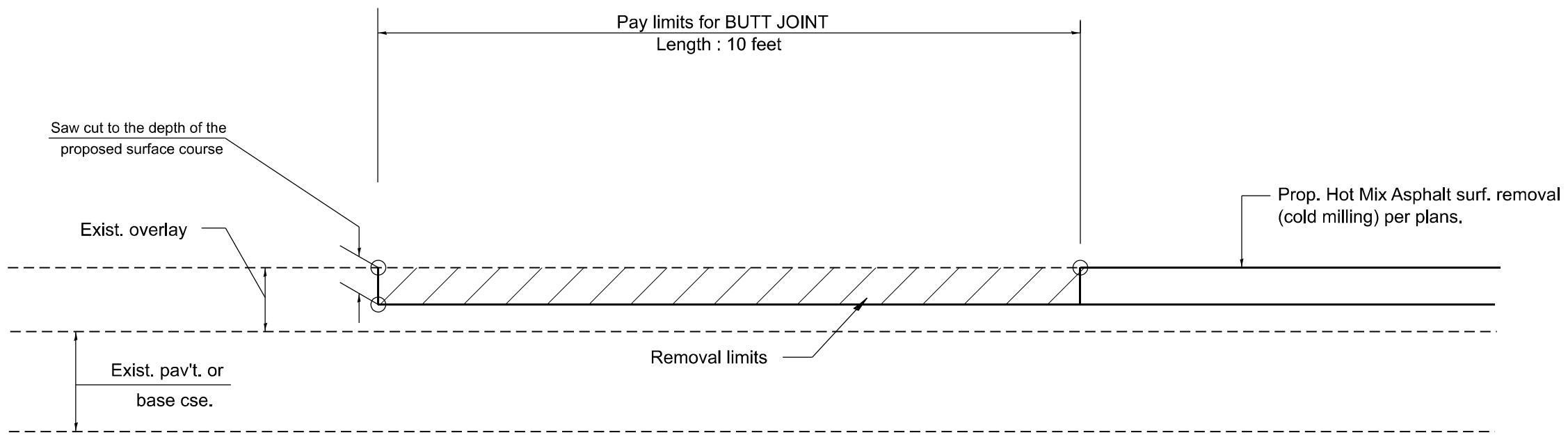
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	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINTS**

SCALE: NOT TO SCALE SHEET 003 2 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	55
DISTRICT 4 STANDARD NO. 406101			CONTRACT NO. 68K14	
ILLINOIS FED. AID PROJECT				



**CASE 4 : SINGLE LIFT OVERLAY WITH EQUIVALENT DEPTH**  
**HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)**  
**TIE-IN TO EXISTING BITUMINOUS TAPER**

MODEL: D4-406101-03  
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All dimensions are in inches unless otherwise noted.

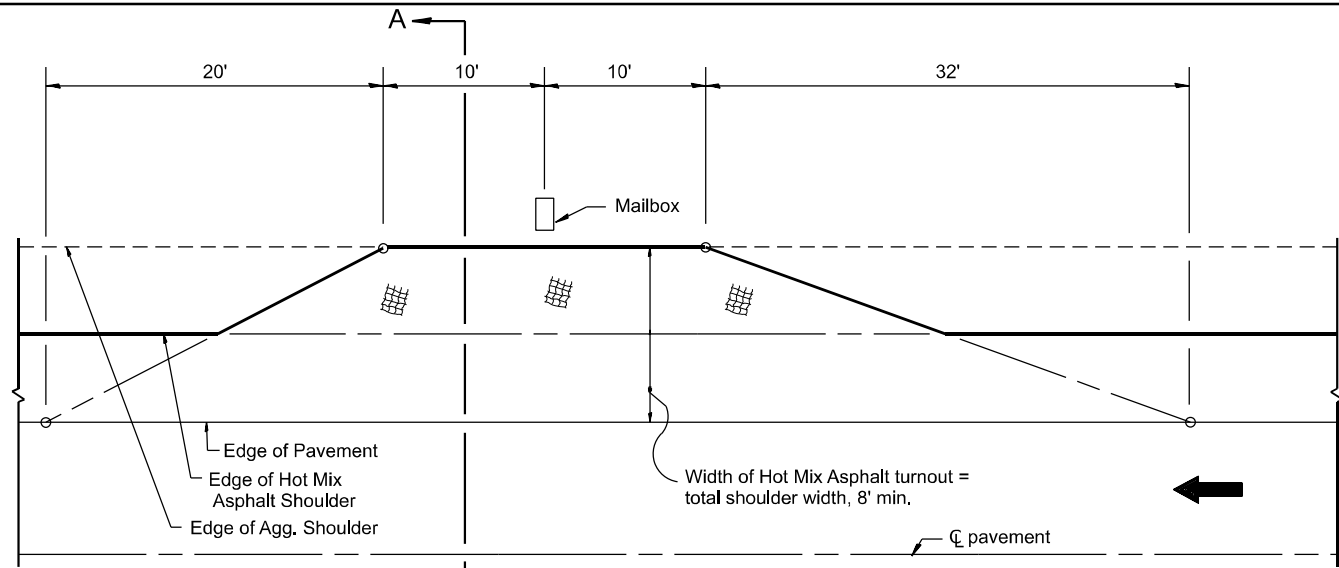
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	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

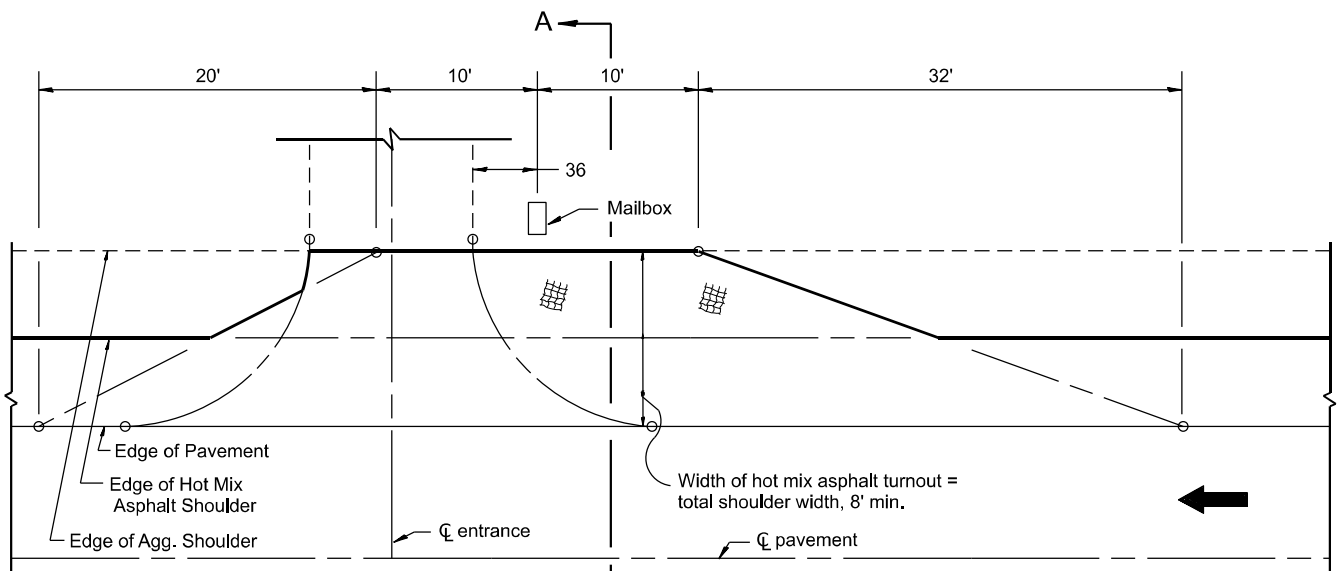
**BUTT JOINTS**

SCALE: NOT TO SCALE SHEET 004 3 OF 18 SHEETS STA. TO STA.

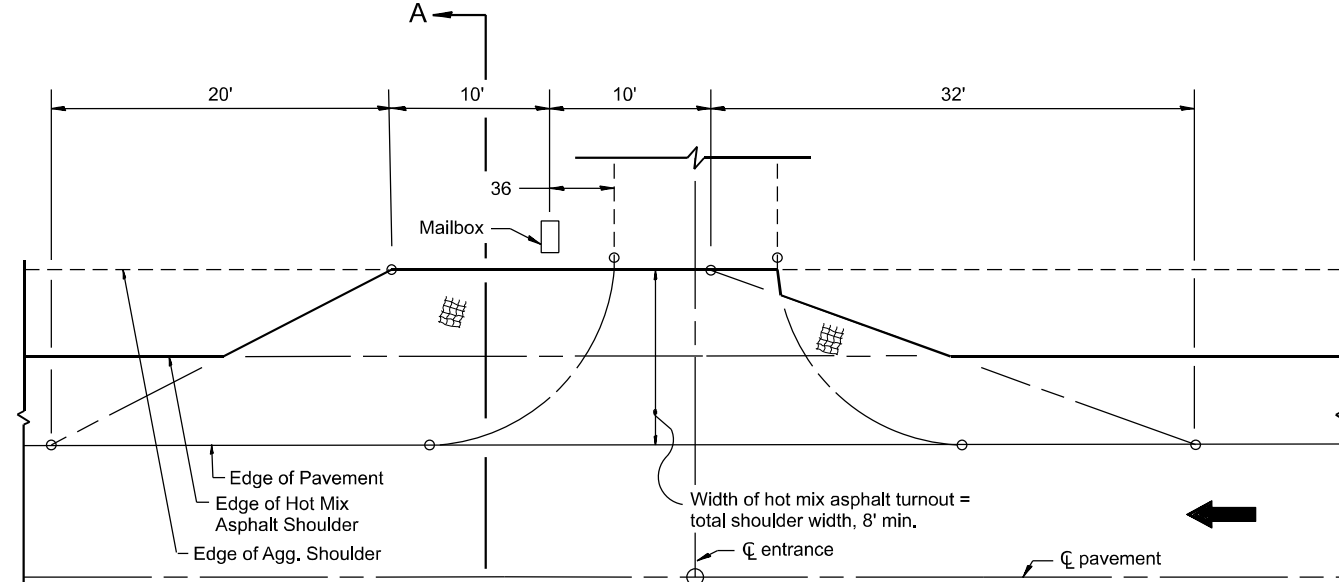
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	56
DISTRICT 4 STANDARD NO. 406101		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



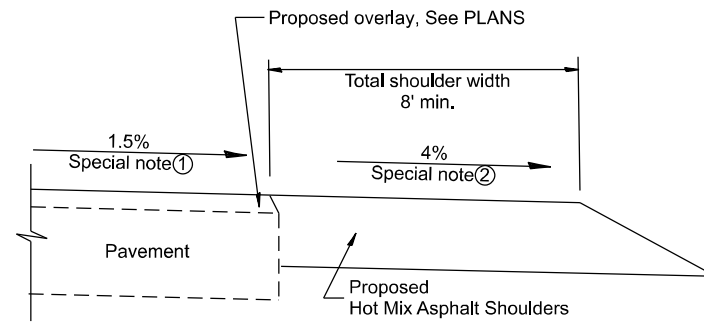
**METHOD "T"**  
Typical Application



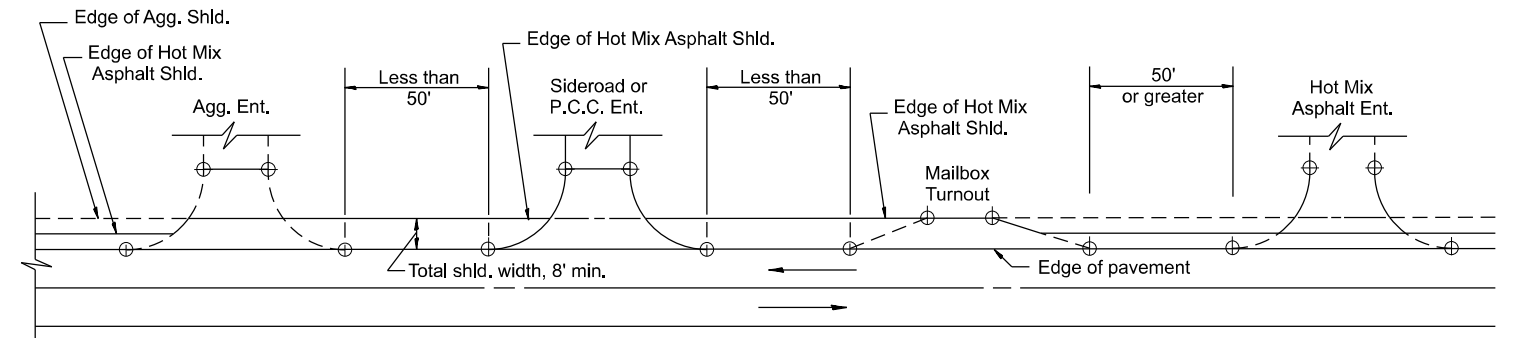
**METHOD "N"**  
Mailbox on near side of entrance



**METHOD "F"**  
Mailbox on far side of entrance



**SECTION A-A**



**DETAIL A**

SHOULDER TREATMENT FOR CLOSELY SPACED SIDEROADS, ENTRANCES, AND/OR MAILBOX TURNOUTS

**GENERAL NOTES**

- Mailbox turnouts shall slope away from the pavement edge at a rate equal to the shoulder slope. See SECTION A-A.
- The total shoulder width, 8' minimum, shall be paved between sideroads entrances and/or mailbox turnouts at locations where the distance between radius or taper control points is less than 50'. See DETAIL A.
- Mailboxes shall be mounted such that the face of the mailbox is 6 to 12 and the post a minimum of 24 from the edge of the turnout surfacing.

**SPECIAL NOTES**

- The mainline pavement cross-slope is 1.5% for tangent alignment. See PLANS for cross-slope on superelevated horizontal curves.
- The shoulder slope shall control the turnout slope. The standard cross-slope is 4% for tangent alignment. Through superelevated curves, the maximum pavement-shoulder breakover should not be greater than 10% for shoulders 6' and wider and 12% for shoulders 4' and less. Where 12 paved shoulders are provided, the breakover should be at the edge of the paved shoulder rather than at the pavement edge.

All dimensions are in inches unless otherwise noted.

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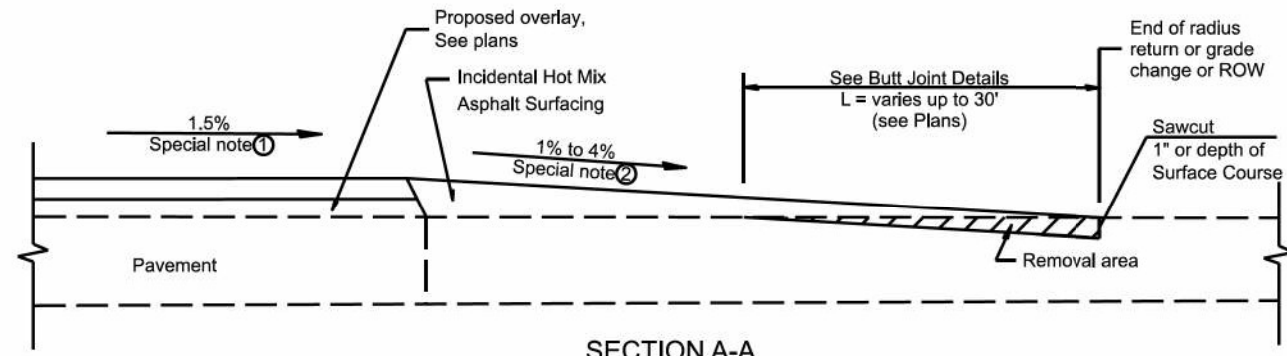
USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

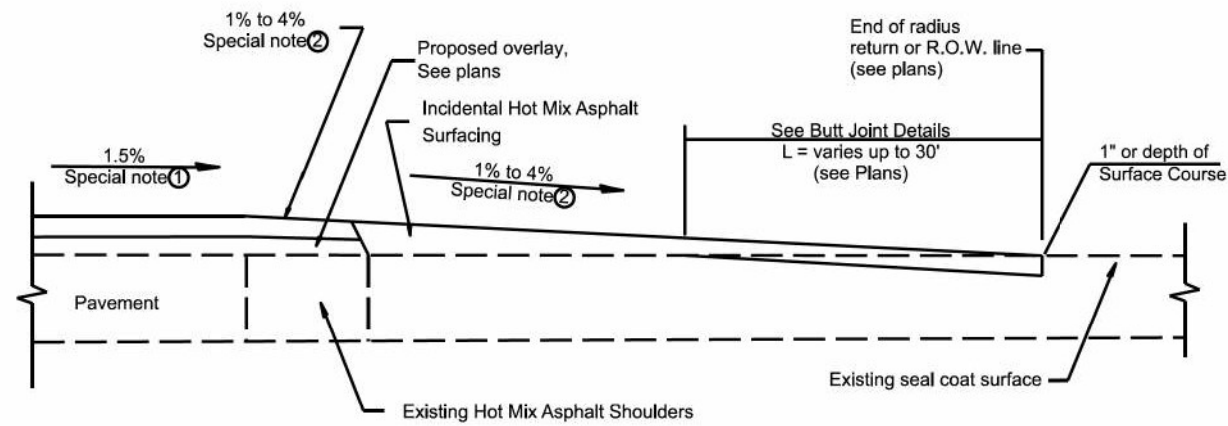
**MAILBOX TURNOUTS FOR "3R" PROJECTS**

SCALE: NOT TO SCALE SHEET 005 OF 18 SHEETS STA. TO STA.

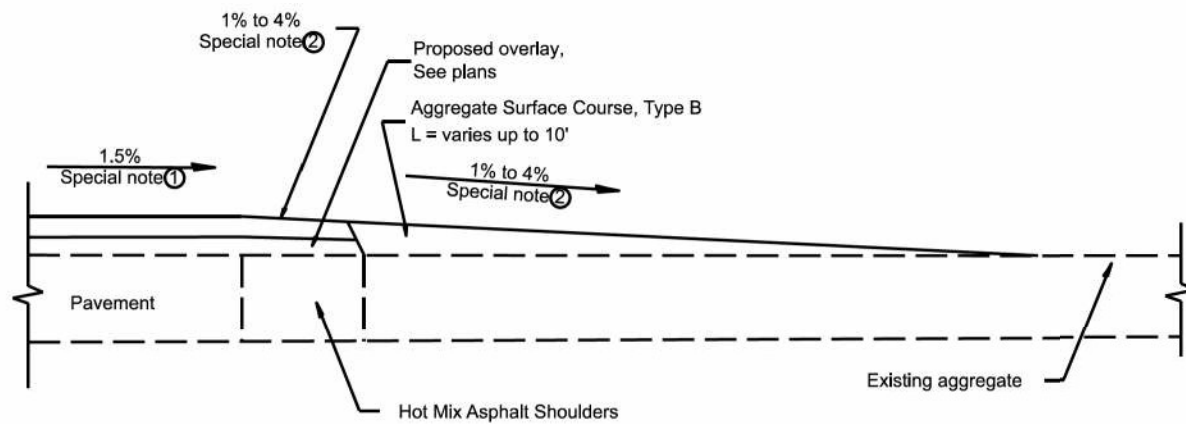
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	57
DISTRICT 4 STANDARD NO. 406201		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



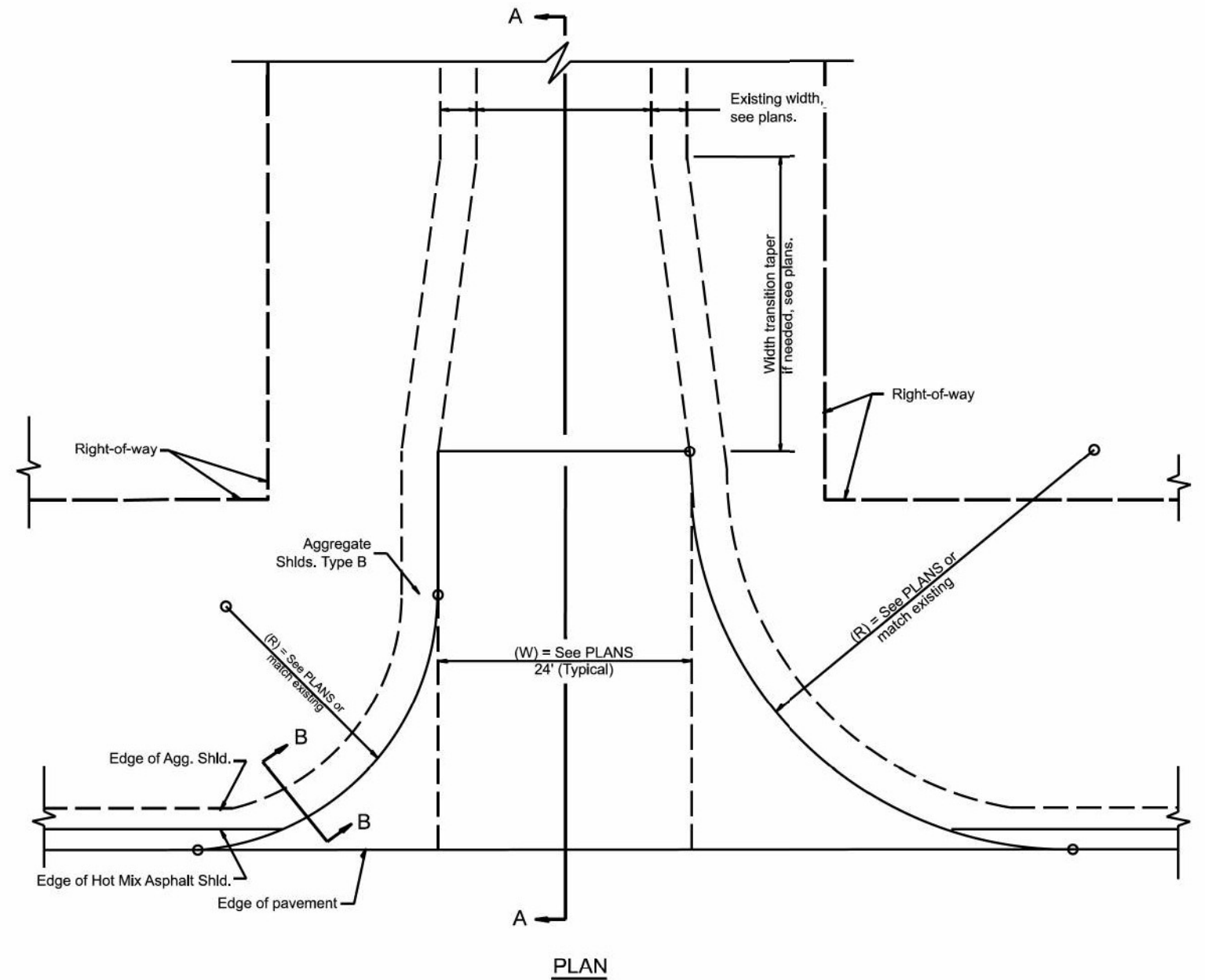
SECTION A-A  
EXISTING PCC OR HOT MIX ASPHALT SIDEROAD



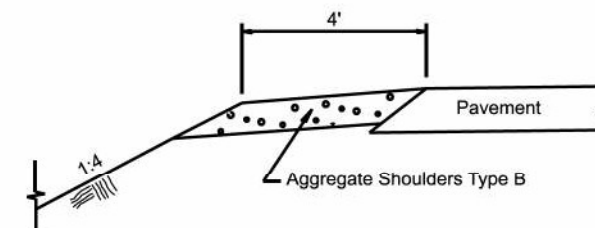
SECTION A-A  
EXISTING SEAL COAT SIDEROAD



SECTION A-A  
EXISTING AGGREGATE SIDEROAD



PLAN



SECTION B-B  
SIDEROAD SHOULDER TREATMENT

**SPECIAL NOTES**

- ① The mainline pavement cross-slope is 1.5% for tangent alignment. See Plans for cross-slope on superelevated horizontal curves.
- ② The sideroad profile should drain away from the mainline at 1% to 4% for 50' to 100', or as a minimum to the end of the radius return. When the sideroad is on the high side of a mainline superelevated curve, - 2% maximum should be provided in order to minimize breakover at the pavement edge. See plans for sideroad profiles.

All dimensions are in inches unless otherwise noted.

MODEL: D4-096401  
FILE NAME: c:\p\work\p\main\oms5169\D4-096402.dgn

USER NAME = david.brovlak	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/18/2026	DATE -	REVISED -

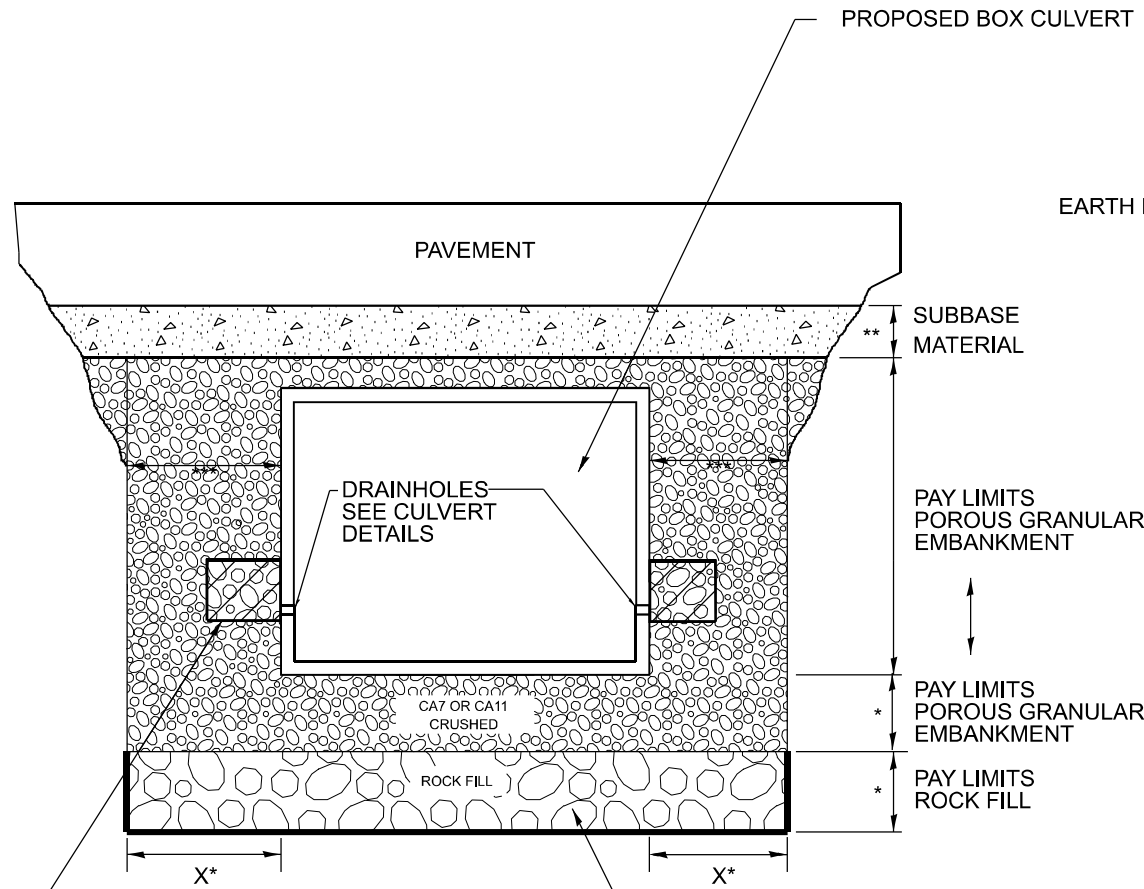
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**RURAL SIDEROADS FOR "PPP" PROJECTS**

SCALE: NOT TO SCALE SHEET 006 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	58
DISTRICT 4 DETAIL NO. 406402		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				

# ROADWAY PROFILE VIEW

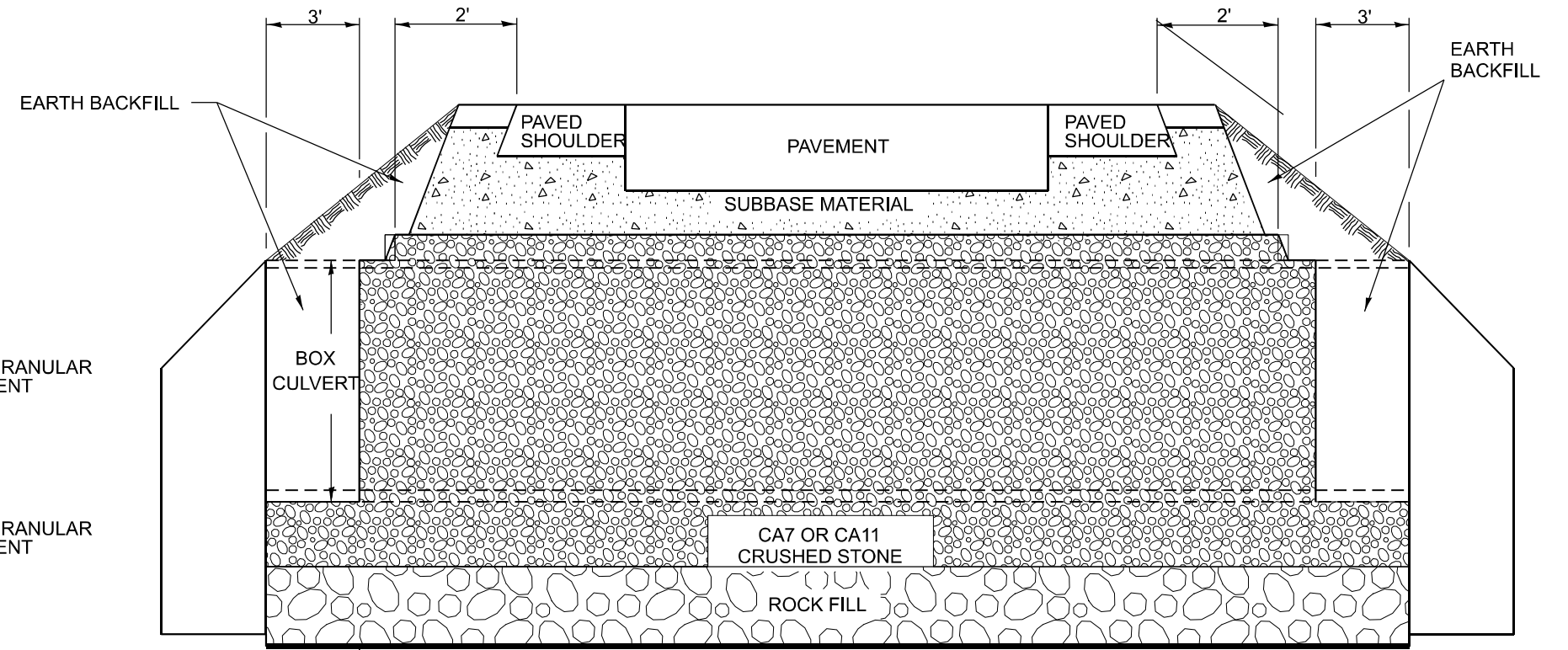


2' x 2' x 2' DEPOSIT OF CA 5, 7, OR 11 IN FABRIC ENVELOPE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS (TYPICAL)

(IF UNDERCUT IS REQUIRED) PROPOSED REMOVAL & DISPOSAL OF UNSUITABLE, AND REPLACE WITH ROCK FILL WITH GEOTECHNICAL FABRIC FOR GROUND STABILIZATION. PAID FOR BY RESPECTIVE PAY ITEMS.

- \* IF APPLICABLE, SEE UNDERCUT DETAIL FOR DEPTHS AND WIDTHS. IF THERE IS NO UNDERCUT, X = 2 FEET AND SEE NOTE 3 THIS SHEET.
- \*\* SUBBASE SHALL BE 6" MINIMUM LAYER OF CA6 CRUSHED STONE OR OTHER MATERIAL AS SPECIFIED IN THE PLANS.
- \*\*\* PAY LIMITS OF POROUS GRANULAR EMBARKMENT SHALL BE 2 FEET UNLESS OTHERWISE SHOWN IN THE PLANS.

# ROADWAY CROSS SECTION VIEW



(IF UNDERCUT IS REQUIRED) GEOTECHNICAL FABRIC FOR GROUND STABILIZATION

- NOTES:
1. EXCEPT AS SPECIFIED IN THIS DETAIL, THE PLACEMENT AND COMPACTION OF BACKFILL SHALL BE IN ACCORDANCE WITH ARTICLE 502.10 OF THE STANDARD SPECIFICATIONS.
  2. POROUS GRANULAR EMBARKMENT SHALL BE PLACED IN ACCORDANCE WITH SECTION 207 OF THE STANDARD SPECIFICATIONS.
  3. IF NO UNDERCUT IS REQUIRED, A 6" MINIMUM LAYER OF POROUS GRANULAR EMBARKMENT SHALL BE PLACED BELOW THE ELEVATION OF THE BOTTOM OF BOX CULVERT.

All dimensions are in inches unless otherwise noted.

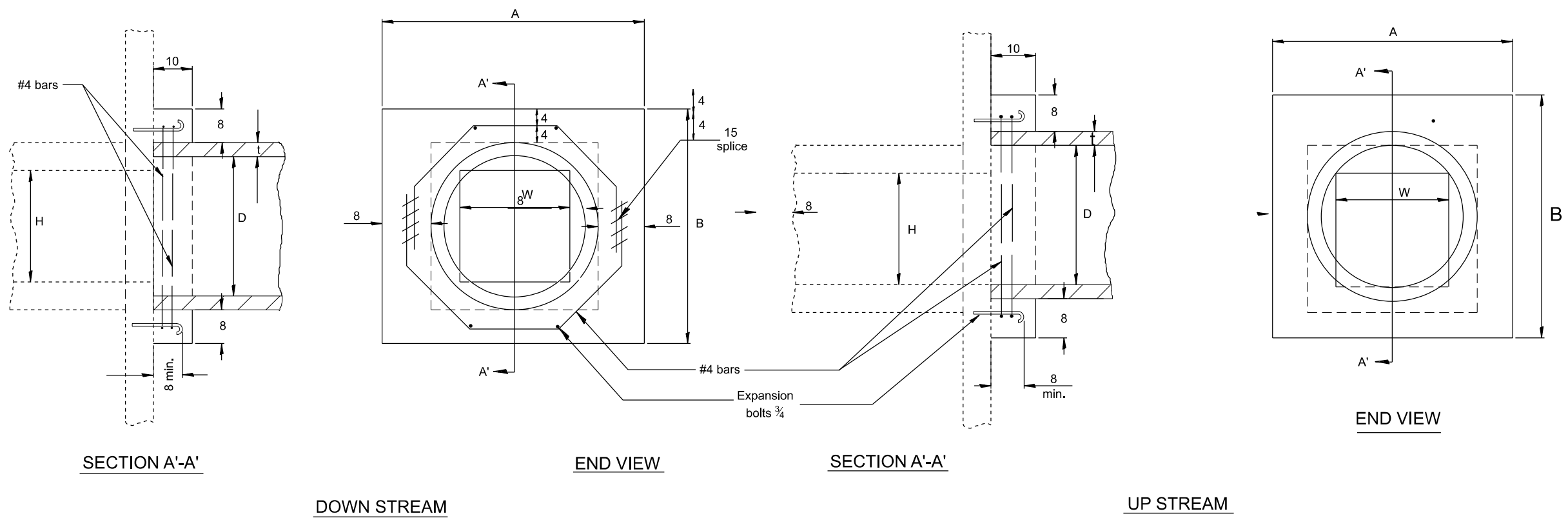
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USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

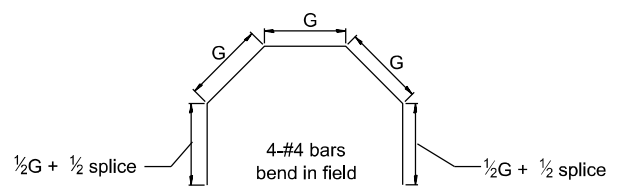
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETAIL OF EXCAVATION AND BACKFILL FOR BOX CULVERTS**  
SCALE: NOT TO SCALE SHEET 007 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	59
DISTRICT 4 DETAIL NO. 540000			CONTRACT NO. 68K14	
ILLINOIS FED. AID PROJECT				



EXISTING BOX		A	B	D	t	EACH COLLAR				
W	H					CONC. COLLAR		REINFORCEMENT BARS		EXPANSION BOLT
						CU. YD.	G	L	LBS.	
12 PIPE		32	32	12	2	0.18	10	4'-7"	12	4
18 PIPE		39	39	18	2½	0.24	12¾	5'-6"	15	4
24 PIPE		3'-10"	3'-10"	24	3	0.30	15¾	6'-6"	17	4
24	24	4'-5"	4'-5"	30	3½	0.37	18¾	7'-6"	20	4
30	30	5'-0"	5'-0"	36	4	0.45	21½	8'-5"	22.5	8
36	36	5'-7"	5'-7"	42	4½	0.50	24½	9'-5"	25	10
42	42	6'-2"	6'-2"	48	5	0.61	27¼	10'-4"	28	10
48	48	6'-9"	6'-9"	54	5½	0.80	30¼	11'-4"	30	10



**GENERAL NOTES**

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of Section 503 of the Standard Specifications. Reinforcement Bars shall conform to Section 508.
2. Expansion Bolts shall consist of approved Expansion Anchors, and ¾ Hook Bolts which conform to Section 1006.09. These Bolts shall extend at least 8 into the new Concrete.
3. This work will be paid for by the cubic yard (cubic meter) for CONCRETE COLLAR, by the pound for REINFORCEMENT BARS, and by Each for EXPANSION BOLTS of the size indicated.

STA.	EXISTING BOX		A	B	D	t	EACH COLLAR				
	W	H					CONC. COLLAR		REINFORCEMENT BARS		EXPANSION BOLT
							CU. YD.	G	L	LBS.	
412+85	24	24	4'-5"	4'-5"	30	3½	0.37	18¾	7'-6"	20	4
441+27	24	24	4'-5"	4'-5"	30	3½	0.37	18¾	7'-6"	20	4
517+59	24	24	4'-5"	4'-5"	30	3½	0.37	18¾	7'-6"	20	4

**QUANTITIES**

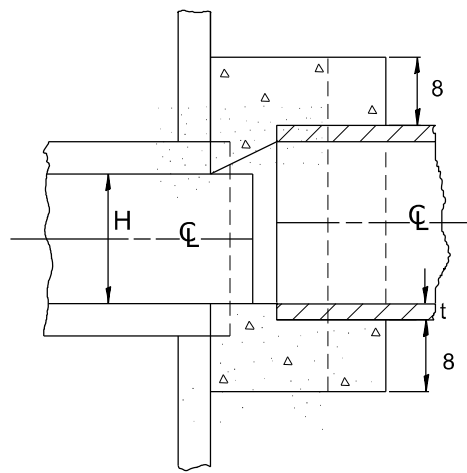
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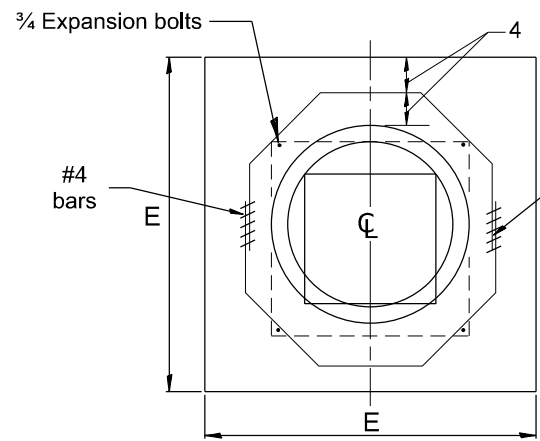
QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

All dimensions are in inches unless otherwise noted.

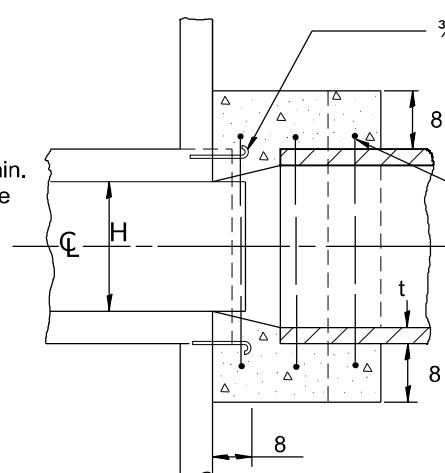
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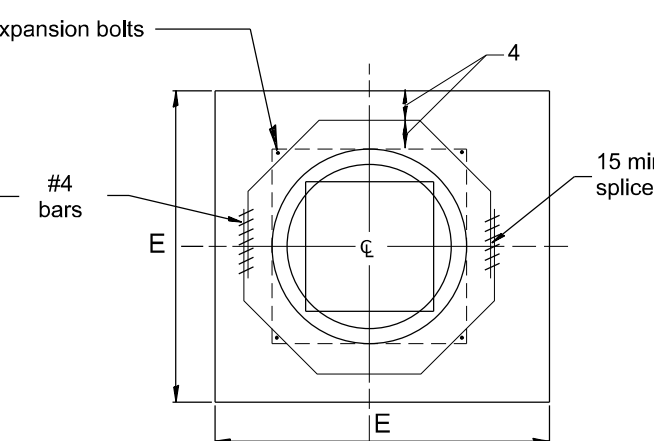
SECTION A-A



END VIEW



SECTION A-A



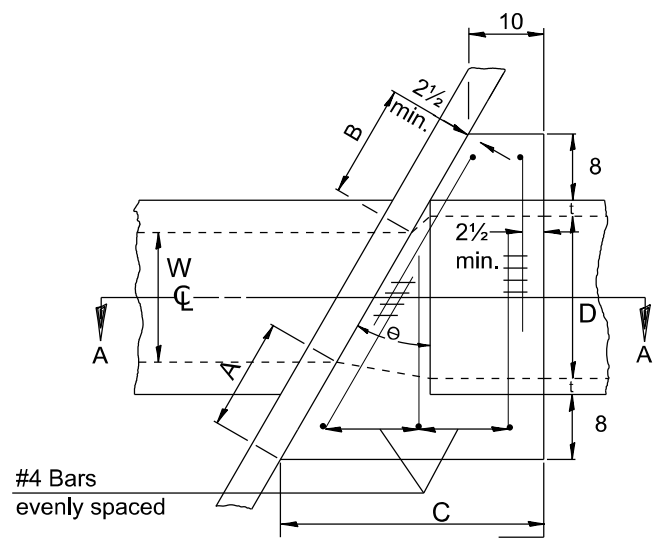
END VIEW

$$A = B = \frac{D - W}{2} + t + 8$$

$$C = \tan \theta [D + 2t + 16] + 10$$

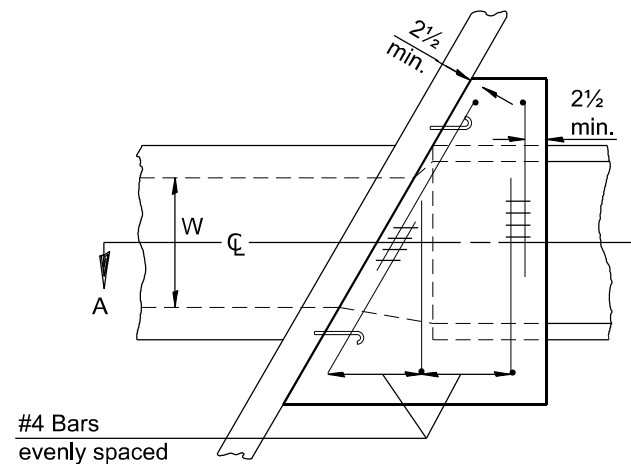
$$G = \frac{D + 2t + 8}{2.4142 [\cos \theta]}$$

(Note: 'G' is based upon maximum skewed length)

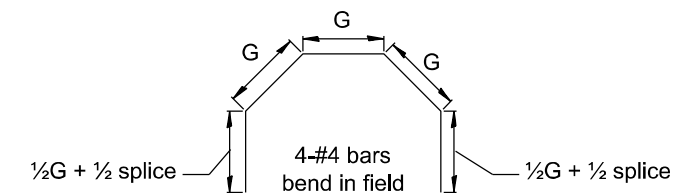


PLAN VIEW UP STREAM

NOTE:  
Dimensions are shown in Plan View of Up Stream End while Reinforcement is shown in plan view of Down Stream End.



PLAN VIEW DOWN STREAM



GENERAL NOTES

1. The collar shall be constructed entirely of CLASS SI CONCRETE and in accordance with the applicable portions of section 503 of the Standard Specifications. Reinforcement bars shall conform to section 508.
2. Expansion bolts shall consist of approved expansion anchors, and 3/4 hook bolts which conform to section 1006.09. These bolts shall extend at least 8 into the new concrete.
3. This work will be paid for by the cubic yard for CONCRETE COLLAR, by the pound for REINFORCEMENT BARS, and by Each for EXPANSION BOLTS of the size indicated.

STATION	EXISTING BOX		θ	A	B	C	D	E	t	EACH COLLAR				EXPAN. BOLTS EACH
	W	H								CONCRETE CU. YD.	REINFORCEMENT BARS G	L	LBS.	
	CL 520+19	24								24	60	29	29	

**QUANTITIES**  
 CALC. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION



USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

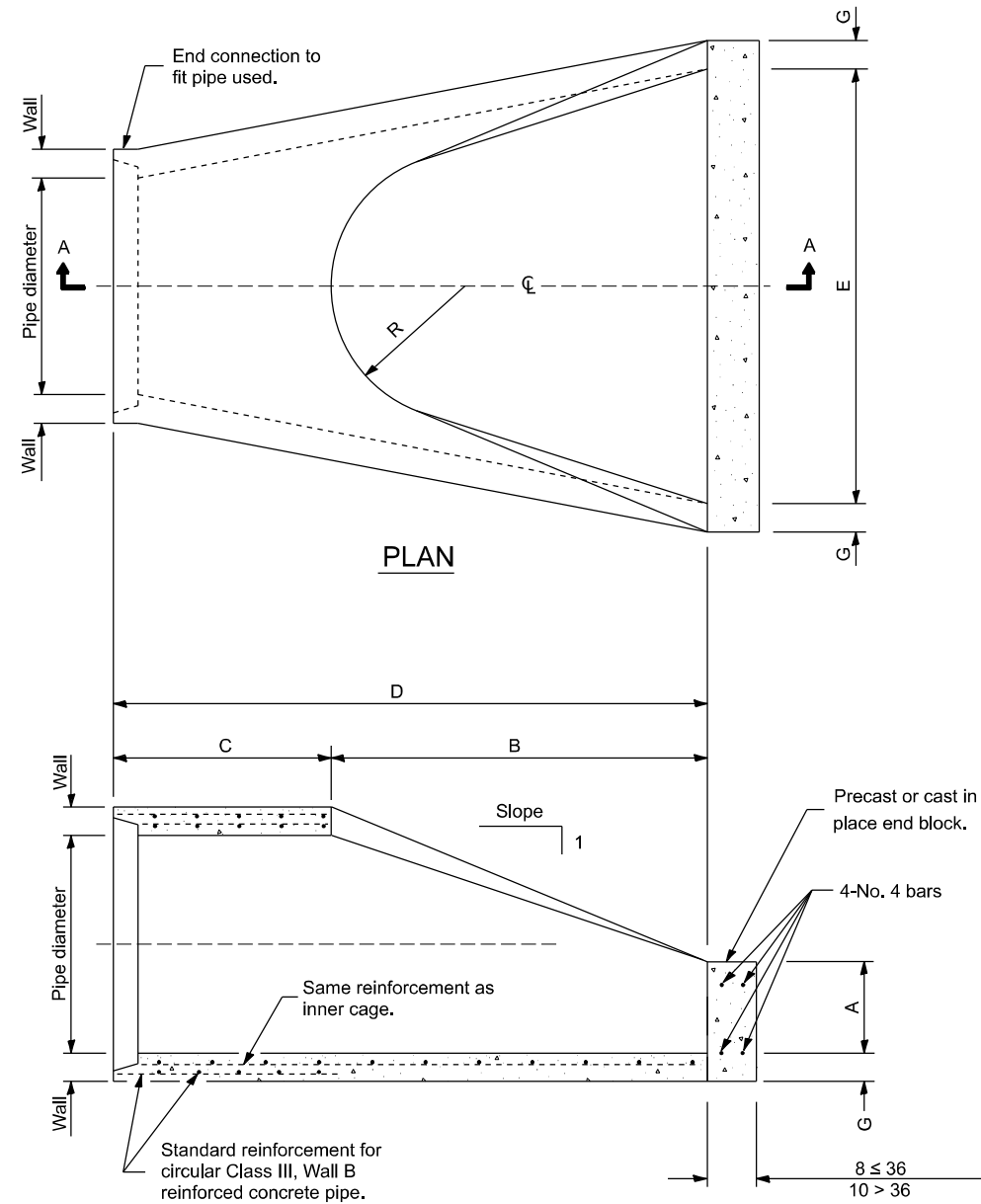
SKewed PIPE CULVERT EXTENSION COLLAR (WITH END SECTION)

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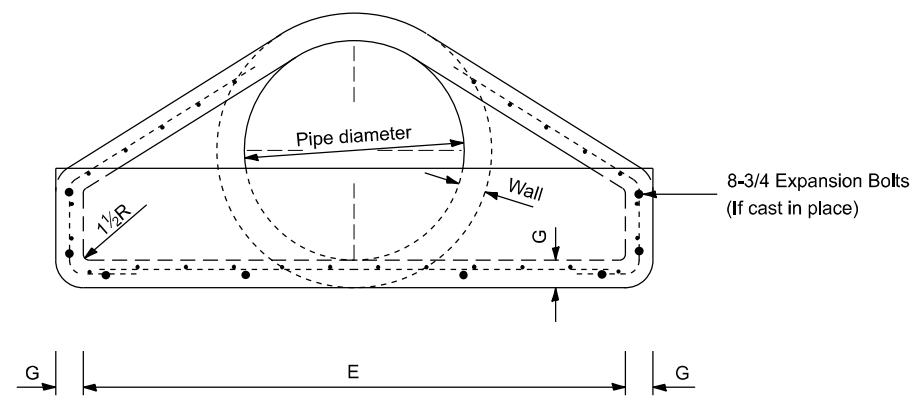
All dimensions are in inches unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	61
DISTRICT 4 DETAIL NO. 542011		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				

MODEL: D4-542011 FILE NAME: c:\p\work\p\main\oms51690\4-542011.dgn



SECTION A-A



END VIEW

PIPE DIA.	APPROX. QTY. lbs	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
12	530	2	4	24	4'-0 <sup>7</sup> / <sub>8</sub> "	6'-0 <sup>7</sup> / <sub>8</sub> "	24	2	9	1:2.4
15	740	2 <sup>1</sup> / <sub>4</sub>	6	27	3'-10"	6'-1"	30	2 <sup>1</sup> / <sub>4</sub>	11	1:2.4
18	990	2 <sup>1</sup> / <sub>2</sub>	9	27	3'-10"	6'-1"	36	2 <sup>1</sup> / <sub>2</sub>	12	1:2.4
21	1280	2 <sup>3</sup> / <sub>4</sub>	9	35	38	6'-1"	3'-6"	2 <sup>3</sup> / <sub>4</sub>	13	1:2.4
24	1520	3	9 <sup>1</sup> / <sub>2</sub>	3'-7 <sup>1</sup> / <sub>2</sub> "	30	6'-1 <sup>1</sup> / <sub>2</sub> "	4'-0"	3	14	1:2.5
27	1930	3 <sup>1</sup> / <sub>4</sub>	10 <sup>1</sup> / <sub>2</sub>	4'-0"	25 <sup>1</sup> / <sub>2</sub>	6'-1 <sup>1</sup> / <sub>2</sub> "	4'-6"	3 <sup>1</sup> / <sub>4</sub>	14 <sup>1</sup> / <sub>2</sub>	1:2.4
30	2190	3 <sup>1</sup> / <sub>2</sub>	12	4'-6"	19 <sup>3</sup> / <sub>4</sub>	6'-1 <sup>3</sup> / <sub>4</sub> "	5'-0"	3 <sup>1</sup> / <sub>2</sub>	15	1:2.5
33	3200	3 <sup>3</sup> / <sub>4</sub>	13 <sup>1</sup> / <sub>2</sub>	4'-10 <sup>1</sup> / <sub>2</sub> "	39 <sup>1</sup> / <sub>4</sub>	8'-1 <sup>3</sup> / <sub>4</sub> "	5'-6"	3 <sup>3</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	1:2.5
36	4100	4	15	5'-3"	34 <sup>3</sup> / <sub>4</sub>	8'-1 <sup>3</sup> / <sub>4</sub> "	6'-0"	4	20	1:2.5
42	5380	4 <sup>1</sup> / <sub>2</sub>	21	5'-3"	35	8'-2"	6'-6"	4 <sup>1</sup> / <sub>2</sub>	22	1:2.5
48	6550	5	24	6'-0"	26	8'-2"	7'-0"	5	22	1:2.5
54	8240	5 <sup>1</sup> / <sub>2</sub>	27	5'-5"	35	8'-4"	7'-6"	5 <sup>1</sup> / <sub>2</sub>	24	1:2.0
60	8730	6	35	5'-0"	39	8'-3"	8'-0"	5	*	1:1.9
66	10710	6 <sup>1</sup> / <sub>2</sub>	30	6'-0"	27	8'-3"	8'-6"	5 <sup>1</sup> / <sub>2</sub>	*	1:1.7
72	12520	7	36	6'-6"	21	8'-3"	9'-0"	6	*	1:1.8
78	14770	7 <sup>1</sup> / <sub>2</sub>	36	7'-6"	21	9'-3"	9'-6"	6 <sup>1</sup> / <sub>2</sub>	*	1:1.8
84	18160	8	36	7'-6 <sup>1</sup> / <sub>2</sub> "	21	9'-3 <sup>1</sup> / <sub>2</sub> "	10'-0"	6 <sup>1</sup> / <sub>2</sub>	*	1:1.6

\* Radius as furnished by manufacturer

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in inches unless otherwise noted.

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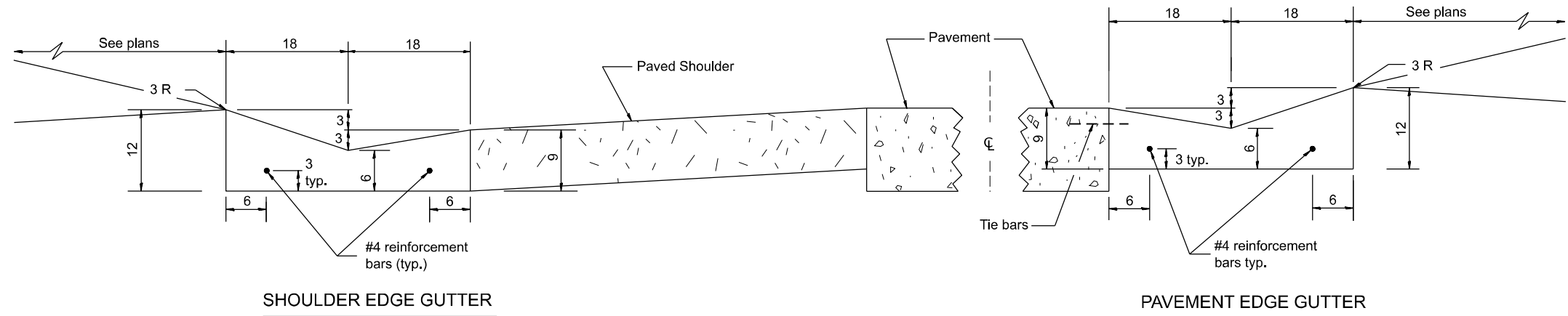
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PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PRECAST REINFORCED CONCRETE FLARED DROP BOX END SECTION

SCALE: NOT TO SCALE SHEET 1 OF 1 SHEETS STA. TO STA.

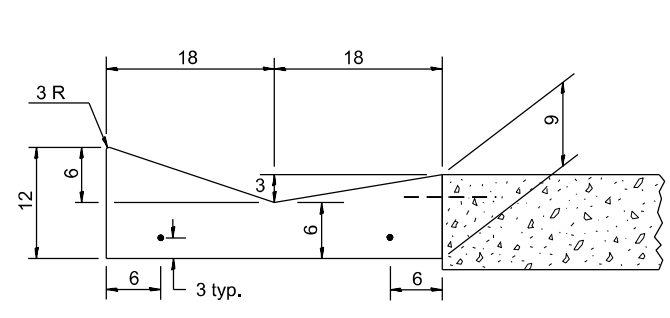
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	62
DISTRICT 4 DETAIL NO. 542301		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



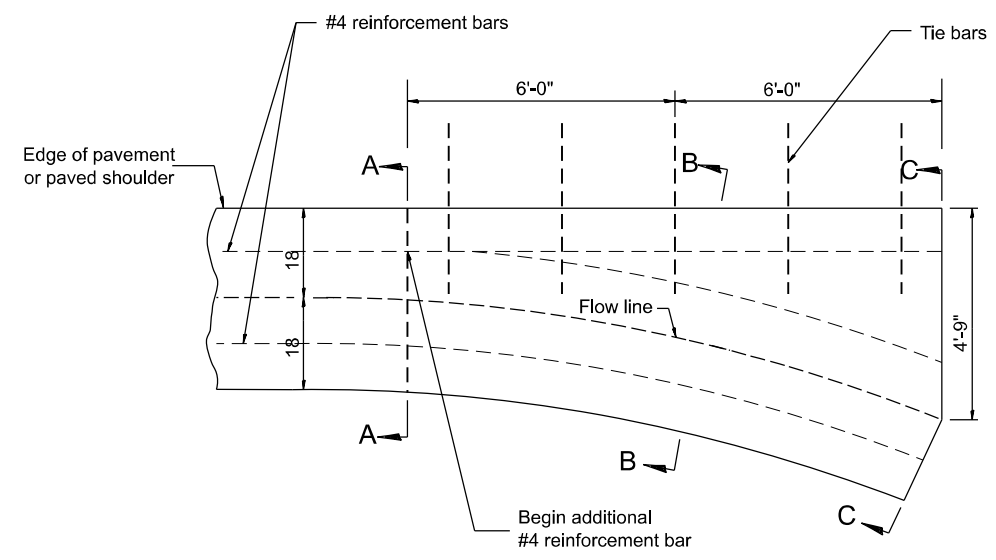
SHOULDER EDGE GUTTER

PAVEMENT EDGE GUTTER

**CONCRETE GUTTER, TYPE A, (SPECIAL)**

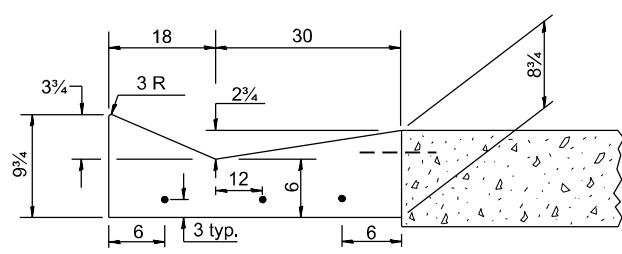


SECTION A-A

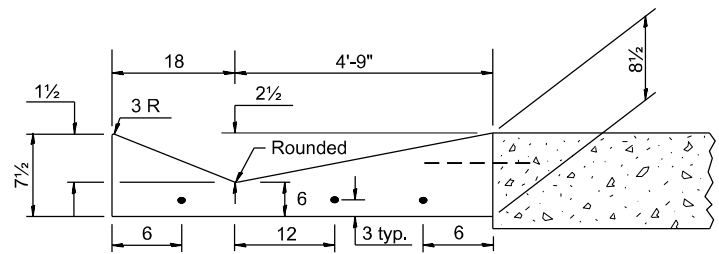


PLAN

**QUANTITY**  
Section C-C to A-A= 1.2 cu. yd. concrete.



SECTION B-B



SECTION C-C

**INLET**

**GENERAL NOTES:**

1. CONCRETE GUTTER, TYPE A, (SPECIAL) shall conform to the applicable portions of Section 606.
2. Tie bars shall be No. 6x24 (No. 19x600) at 36" centers unless otherwise shown.
3. Gutter, gutter inlets, gutter outlets, and gutter entrances shall be tied to rigid pavement in accordance with details shown on Standard 420001.
4. Joints shall be constructed in accordance with Article 606.06.
5. Welded wire fabric shall conform to Article 1006.10(c)(1), and shall not be less than 58 lbs/100 sq.ft.

**QUANTITIES**

CALC. BY: \_\_\_\_\_ DATE: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

MODEL: D4-606101-01  
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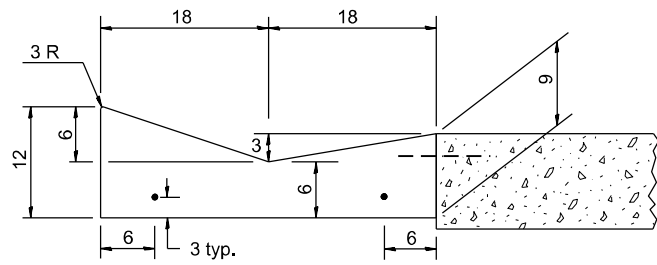
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER, TYPE A, (SPECIAL)  
(INLET, OUTLET & ENTRANCE)**

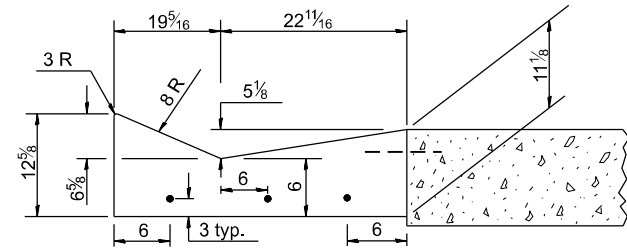
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All dimensions are in inches unless otherwise noted.

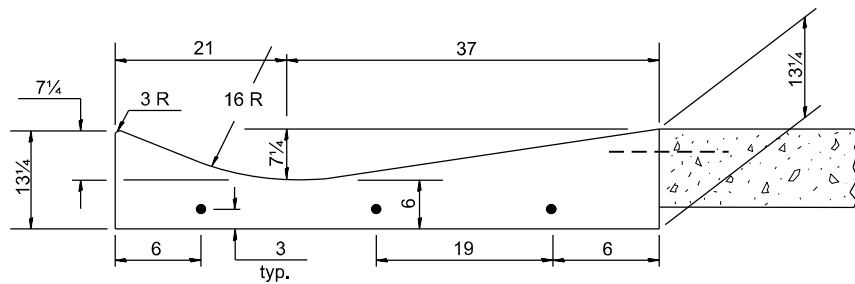
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534	111RS-5	HENDERSON	75	63
DISTRICT 4 DETAIL NO. 606101			CONTRACT NO. 68K14	
ILLINOIS   FED. AID PROJECT				



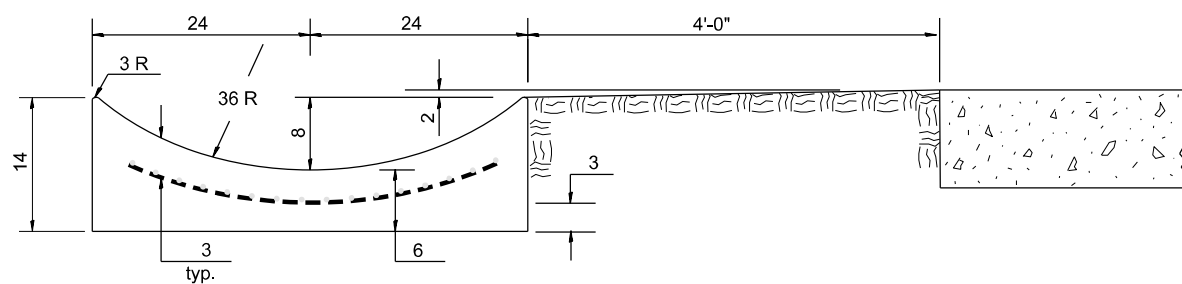
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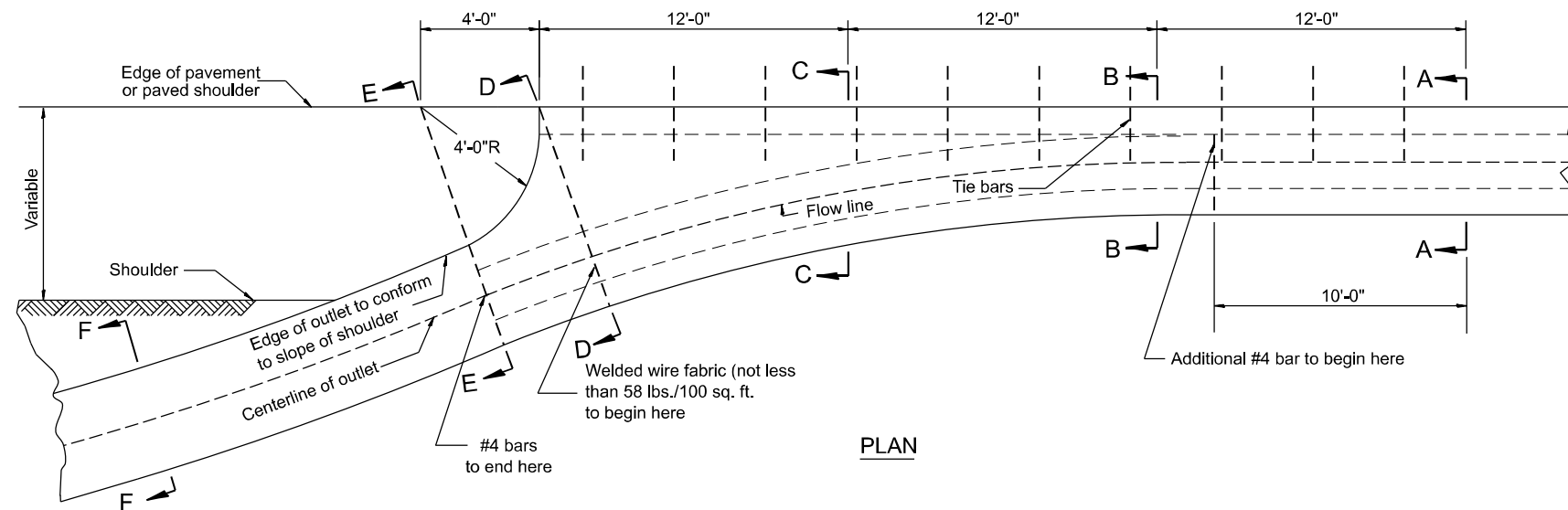
SECTION B-B



SECTION C-C



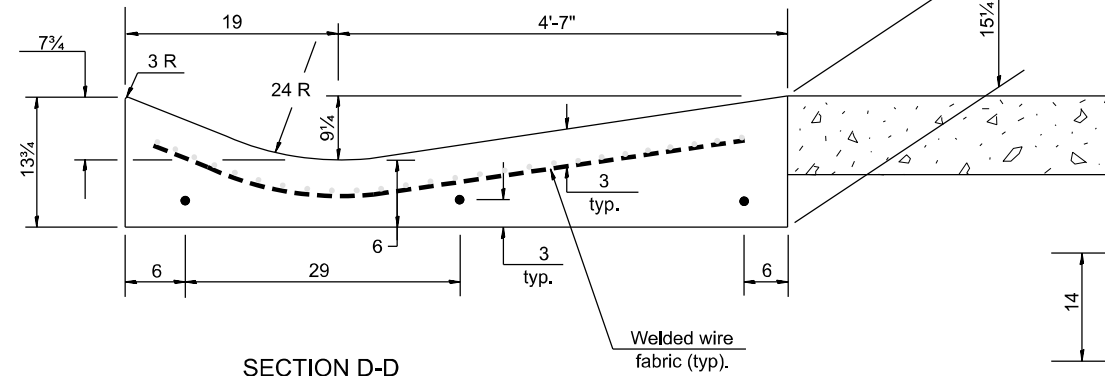
SECTION E-E



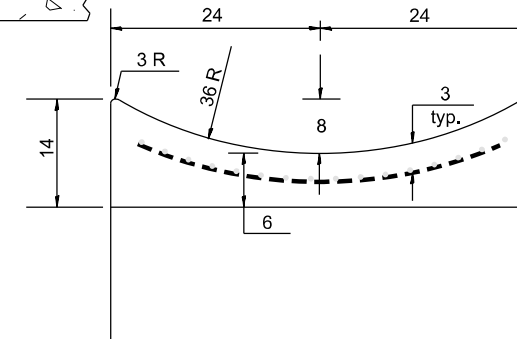
PLAN

**QUANTITY**  
 Section A-A to E-E = 4.5 cu. yd. concrete.  
 Section E-E to F-F = 0.10 cu. yd./ft. concrete.

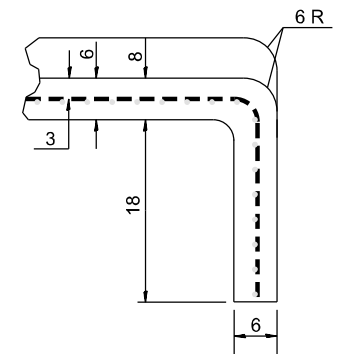
If the average grade of pavement for the distance from section A-A to section D-D exceeds 2%, this distance shall be increased 6 ft. for each 1% increase in grade. A quantity adjustment is required.



SECTION D-D



SECTION F-F



SECTIONS AT END OF OUTLET  
(CURTAIN WALL)

**QUANTITY**  
 Curtain Wall = 0.1 cu. yd. concrete.

OUTLET

**QUANTITIES**

CALC. BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
 CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

USER NAME = TylerH	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/11/2026	DATE -	REVISED -

STATE OF ILLINOIS  
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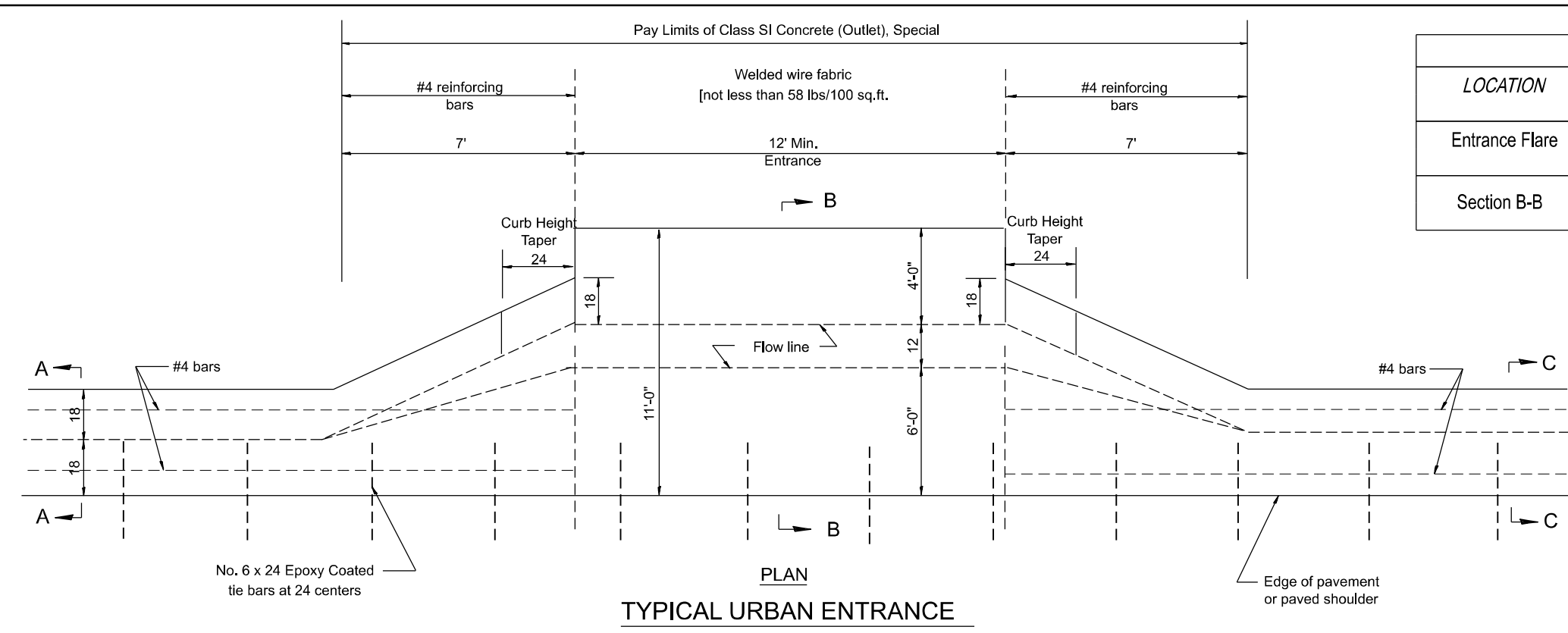
CONCRETE GUTTER, TYPE A, (SPECIAL)  
 (INLET, OUTLET & ENTRANCE)

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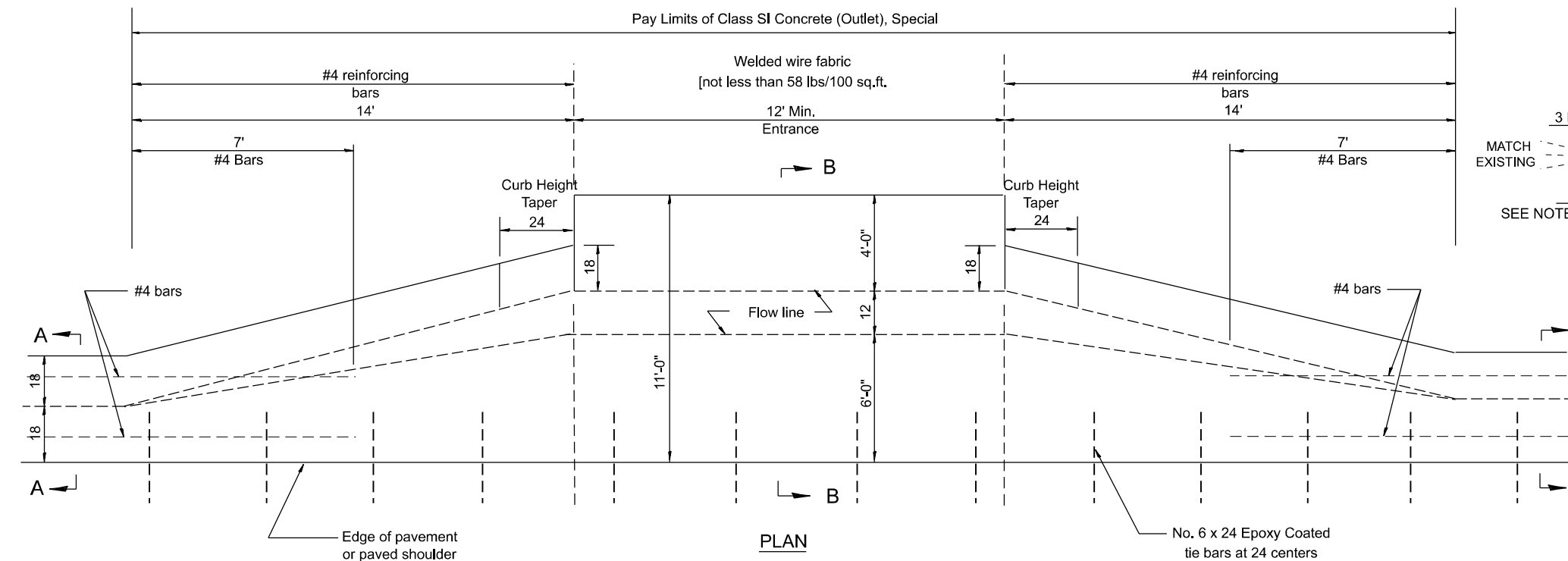
All dimensions are in inches unless otherwise noted.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	64
DISTRICT 4 DETAIL NO. 606101			CONTRACT NO. 68K14	

MODEL: D4-606101-02  
 FILE NAME: c:\p\work\main\oms51690\4-606101.dgn



**TYPICAL URBAN ENTRANCE**



**TYPICAL RURAL ENTRANCE**

**ENTRANCE**

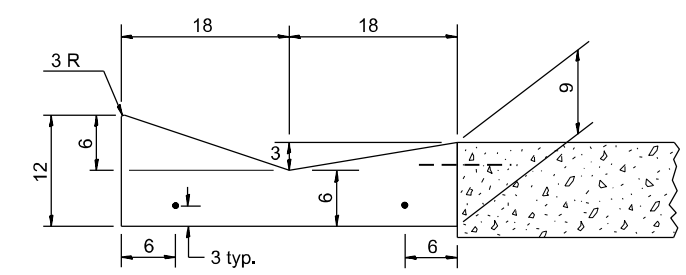
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CALC. BY: \_\_\_\_\_ DATE: \_\_\_\_\_

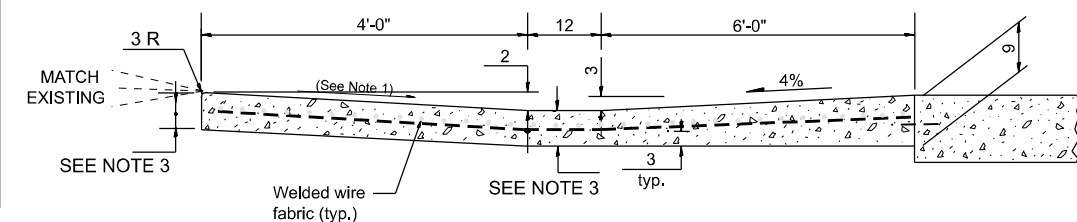
CHECKED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

QUANTITY CALCULATIONS ARE ON FILE AT THE DISTRICT 4 OFFICE; BUREAU OF PROJECT IMPLEMENTATION; DOCUMENTATION SECTION

QUANTITY CALCULATION			
LOCATION	LENGTH	NON-COMMERCIAL	COMMERCIAL ENTRANCE
		6	8
Entrance Flare	7 Ft Urban 14 Ft Rural	0.15 Cu Yd / Ft	0.18 Cu Yd / Ft
Section B-B	See Plans	0.23 Cu Yd / Ft	0.28 Cu Yd / Ft



**SECTION A-A & C-C**



**SECTION B-B**

- GENERAL NOTES**
- Slope may be increased from 4% (min.) to 6% (max.) in order to match the existing.
  - The cross-slope is to be constructed as given in the plans from back turnout to where driveway matches existing.
  - For Non-Commercial Entrances the driveway thickness shall be 6. For Commercial Entrances the driveway thickness shall be 8.

All dimensions are in inches unless otherwise noted.

MODEL: D4-606101-03  
FILE NAME: c:\p\work\p\main\oms51690\4-606101.dgn

USER NAME = TravisW	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 3/18/2026	DATE -	REVISED -

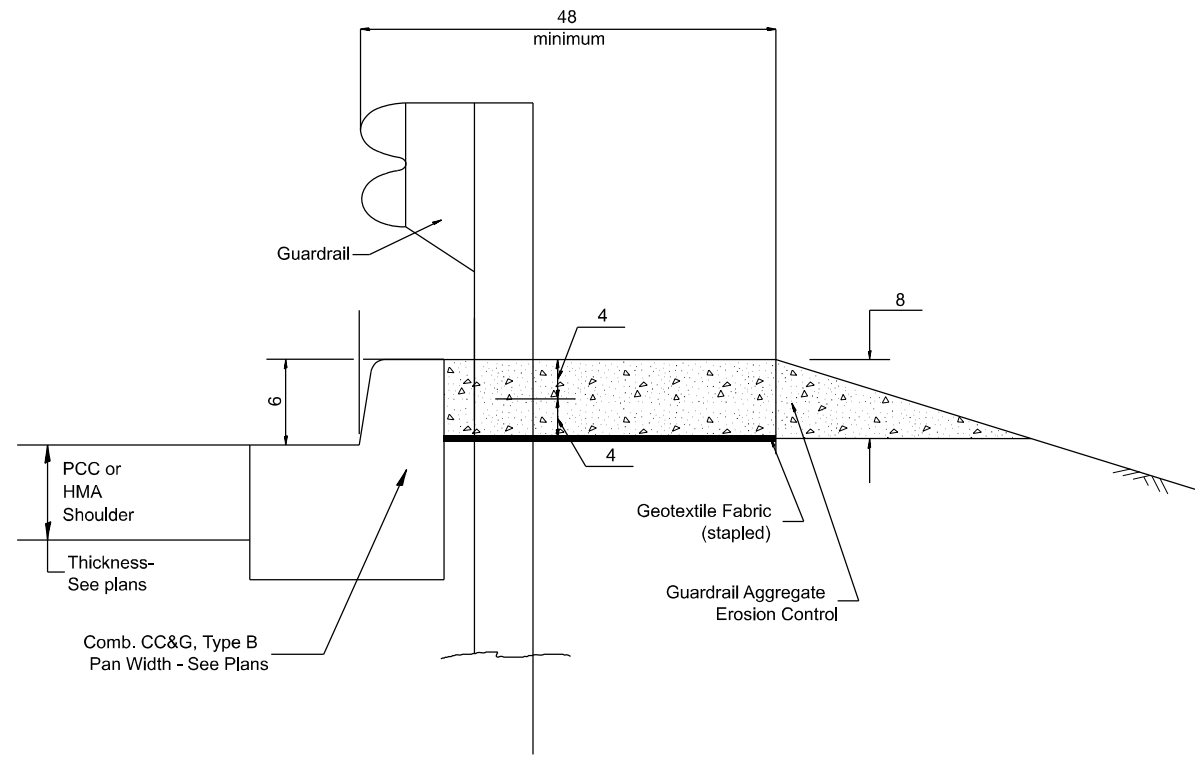
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE GUTTER, TYPE A, (SPECIAL)  
(INLET, OUTLET & ENTRANCE)**

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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DISTRICT 4 DETAIL NO. 606101			CONTRACT NO. 68K14	

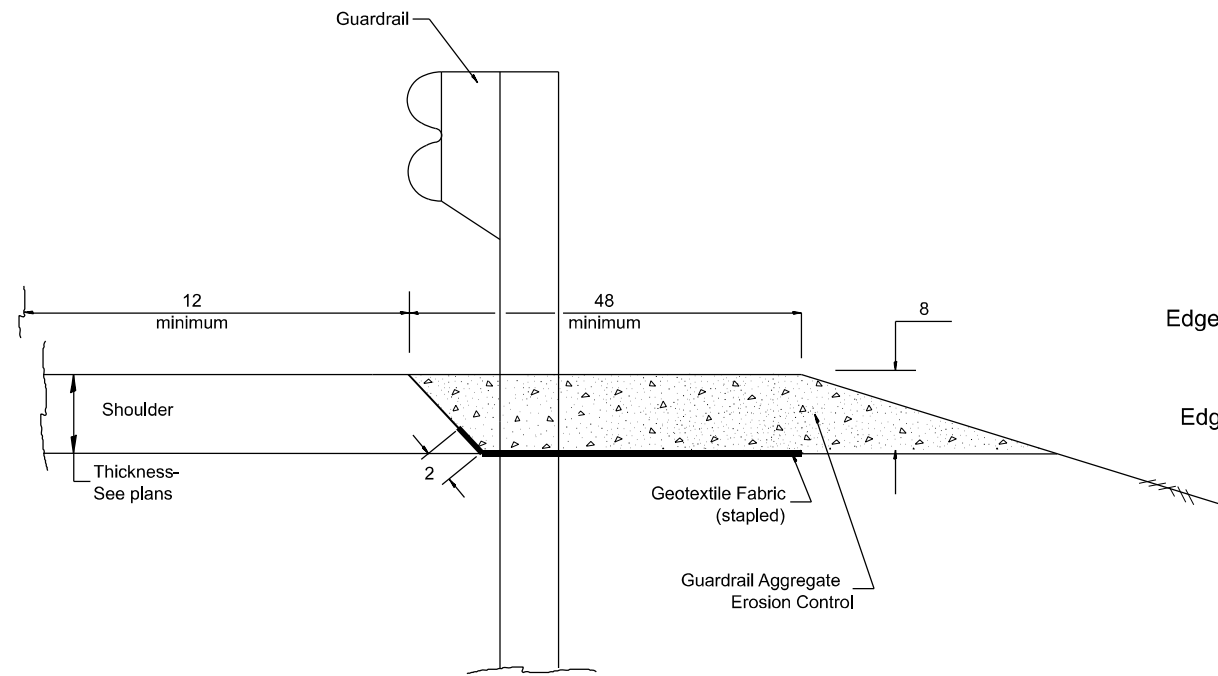
ILLINOIS FED. AID PROJECT



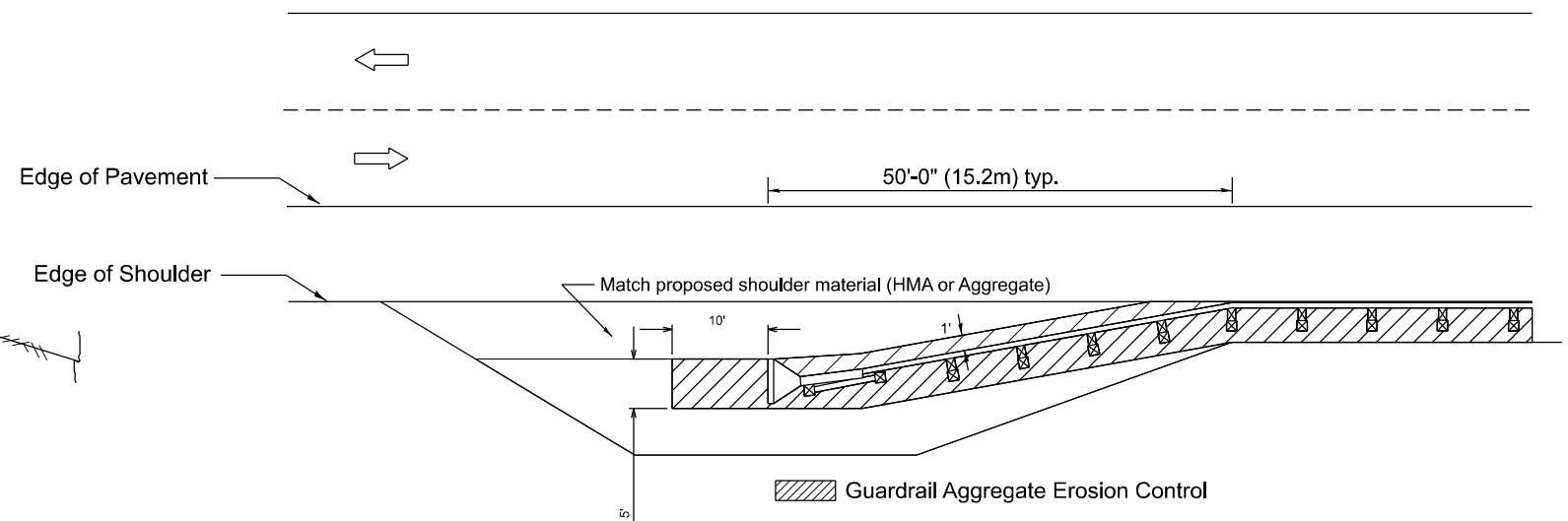
**TYPICAL SECTION WITH COMBINATION CONCRETE CURB & GUTTER**

**GENERAL NOTES: GUARDRAIL AGGREGATE EROSION CONTROL**

1. This work shall consist of grading as needed, furnishing and installing geotextile fabric and staples, and furnishing, placing and shaping crushed aggregate around and behind Steel Plate Beam Guardrail posts in accordance with Plan Details.
2. Before placing the aggregate and the Geotextile Fabric, weeds and grass shall be removed from the area to be covered.
3. After the area has been prepared, and in a dry condition, the Geotextile fabric shall be placed with a 12 minimum overlap. A knife cut for guardrail post installation is necessary.
4. The aggregate shall be deposited, compacted and shaped by either mechanical or hand methods, in a manner reasonably true to line and grade.
5. The Contractor shall have the option of placing the guardrail before or after the Geotextile Fabric and Aggregate are in place. If the guardrail is placed after the Geotextile Fabric and Aggregate, then any voids must be filled and the aggregate returned to line and grade.
6. Materials shall meet the following requirements:
  - A. The crushed aggregate shall be CA1 gradation in accordance with Article 1004.01(c) of the Standard Specifications.
  - B. The Geotextile Fabric shall be nonwoven fabric in accordance with Article 1080.02 of the Standard Specifications.



**TYPICAL SECTION WITHOUT EROSION CONTROL CURB**



All dimensions are in inches unless otherwise noted.

MODEL: D4-630101-01  
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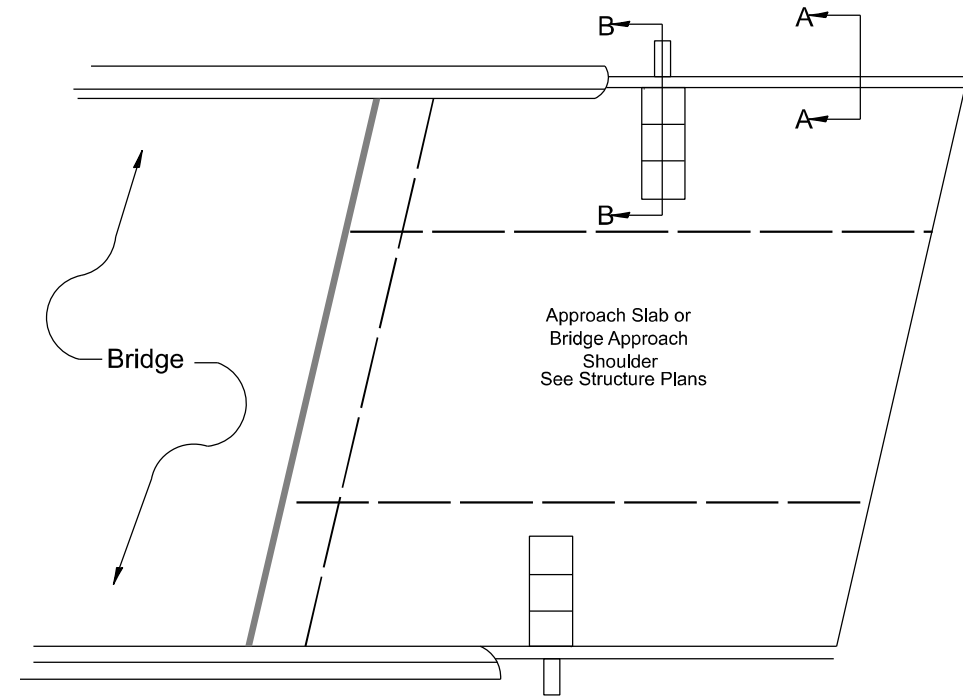
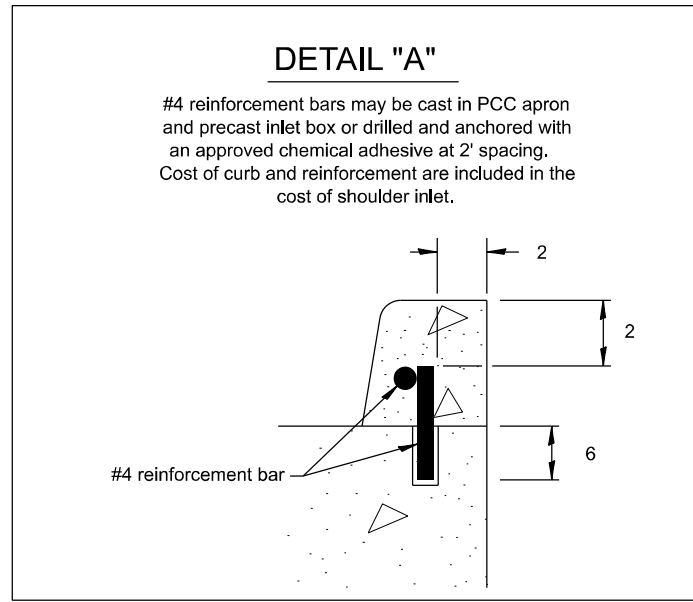
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

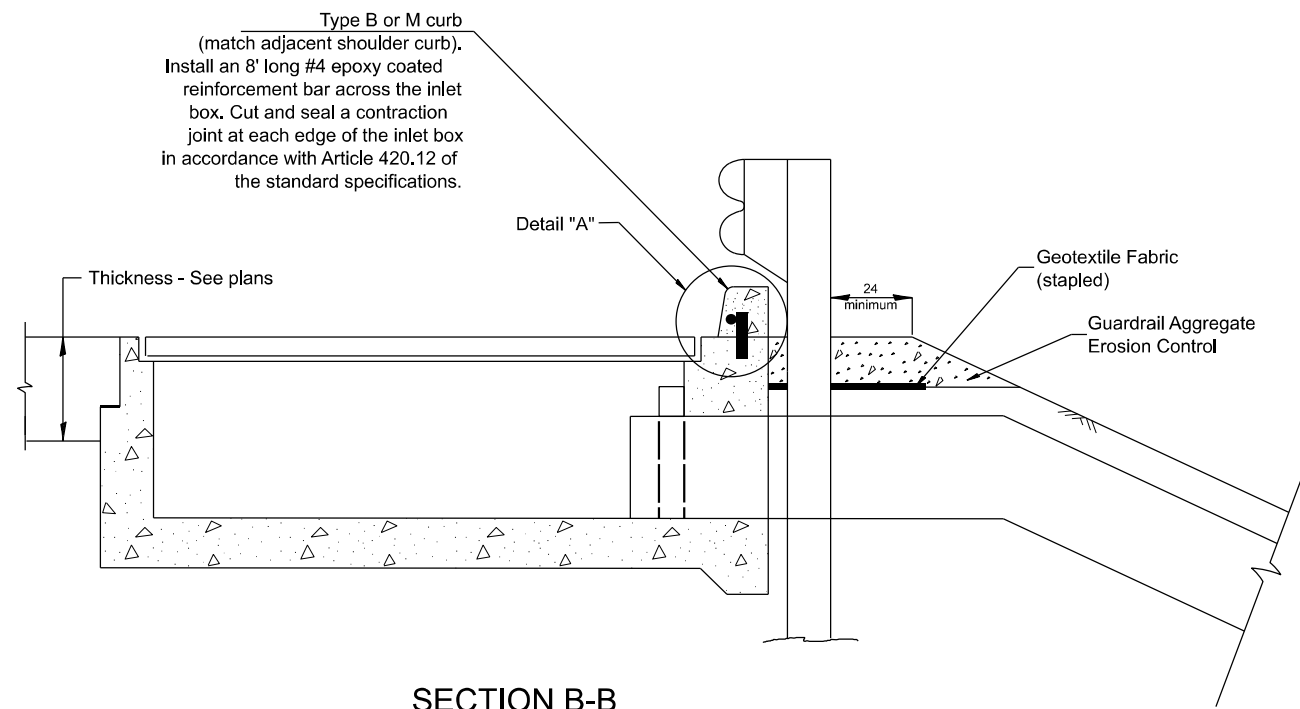
**GUARDRAIL EROSION CONTROL TREATMENTS**

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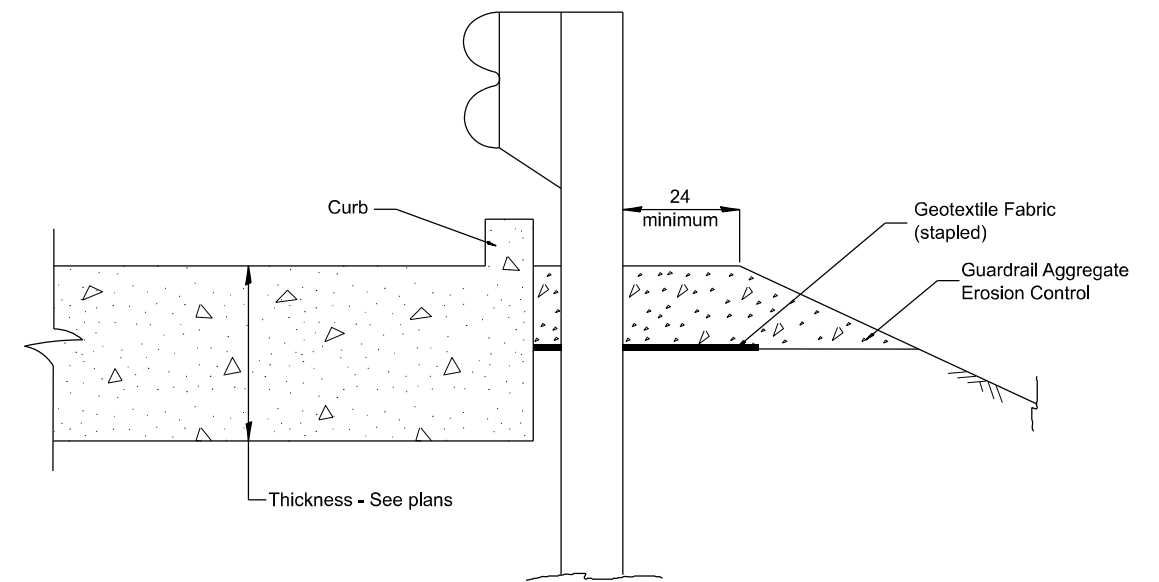
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	66
DISTRICT 4 DETAIL NO. 630101			CONTRACT NO. 68K14	
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**  
**APPROACH SLAB OR SHOULDER PLACEMENT**



**SECTION B-B**  
**TYPICAL SECTION AT INLETS**  
**TYPE E, F & G (HIGHWAY STANDARD 610001)**



**SECTION A-A**  
**TYPICAL SECTION WITH BRIDGE APPROACH CURB**

All dimensions are in inches unless otherwise noted.

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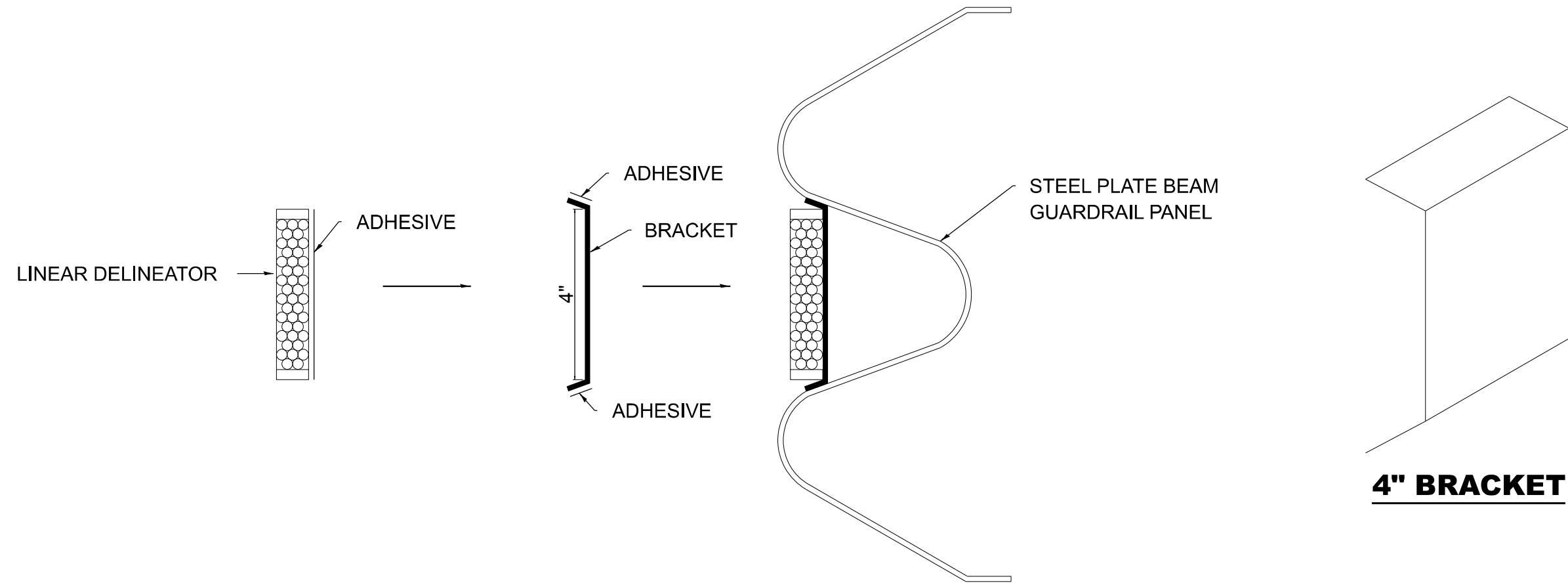
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PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**GUARDRAIL EROSION CONTROL TREATMENTS**

SCALE: NOT TO SCALE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	67
DISTRICT 4 DETAIL NO. 630101		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



# LINEAR DELINEATOR APPLICATION TO STANDARD GALVANIZED GUARDRAIL

LINEAR DELINEATOR SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS

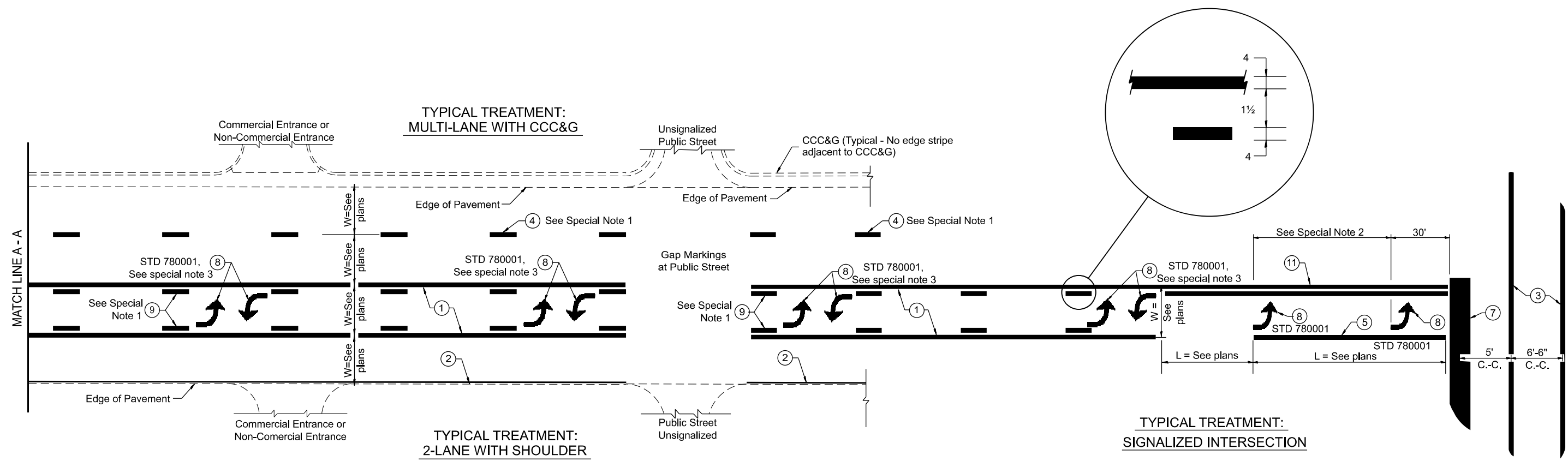
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PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SCALE: NOT TO SCALE SHEET 016 OF 18 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	68
DISTRICT 4 DETAIL NO. 635003			CONTRACT NO. 68K14	
ILLINOIS FED. AID PROJECT				



**FLUSH PAVED MEDIAN: TWO-WAY LEFT TURN LANE WITH ONE-WAY LEFT TURN LANE AT SIGNALIZED INTERSECTION**

**TYPICAL PAVEMENT MARKING LEGEND**

(Note: This is a District Standard Legend. Some elements may not apply to specific project.)

- ① 4 Solid (Yellow)
- ② 6 Solid (White) for rural resurfacing
- ③ 2-6 Crosswalk @ 6'-6" min C.-C. (White)  
2-8 Crosswalk @ 6'-6" min C.-C. (White) (When traffic signals are present.)
- ④ 6 Skip-Dash (White) (See Special Note 1)
- ⑤ 8 Solid (White)
- ⑥ 12 Diagonal (White) (Item ⑥ is shown on Std. 780001)
- ⑦ 24 Stop Bar (White)
- ⑧ Letters & Arrows (See Std. 780001 and Special Notes 2 & 3)
- ⑨ 4 Skip-Dash (Yellow) (See Special Note 1)
- ⑩ 12 Diagonal (Yellow) (See Table A) (See Table A)
- ⑪ 4 Double Solid (Yellow) (See Table A)

**SPECIAL NOTES**

1. Skip-Dash markings will be centered between both ends of city blocks and shall be placed in alignment transversely across the pavement.
2. The following shall apply to arrows located in one-way left turn lanes:
  - A. A minimum of two (2) arrows is required.
  - B. The maximum spacing between arrows is 80'.
  - C. Arrows shall be evenly spaced if three (3) or more are required.
3. The following shall apply to arrow pairs located in two-way left turn lanes:
  - A. A minimum of two (2) arrow pairs is required.
  - B. The maximum spacing between arrow pairs is 200'.
  - C. Arrow pairs shall be evenly spaced if three (3) or more are required.
  - D. The spacing between Bi Directional Left Turn Arrows is 33'.

**GENERAL NOTES**

1. Refer to State Standard 780001 for additional Pavement Markings including letters & arrows.
2. See Plans for Pavement Markings adjacent to curbed islands and medians, and through lane reductions.
3. Refer to Article 780.13 for letter, number and symbol areas (sq. ft.)
4. Areas are grooved 1" beyond each edge for the following symbols:
  - Through Arrow= 14.8 sq. ft.
  - Large Left or Right Arrow= 21.9 sq. ft.
  - 2 Arrow Combination Left (or Right) and Through= 34.9 sq. ft.
  - Wrong Way Arrow= 29.5 sq. ft.
  - Railroad Crossing Symbol= 69.8 sq. ft.
  - (For further information, refer to BDE Special Provision: Grooving for Recessed Pavement Markings)

DESIGNER NOTES: MODEL: D4-780001-01\_1\_Include State Standard 780001 (Typical Pavement Markings) FILE NAME: c:\p\work\p\main\mss\780001.dgn

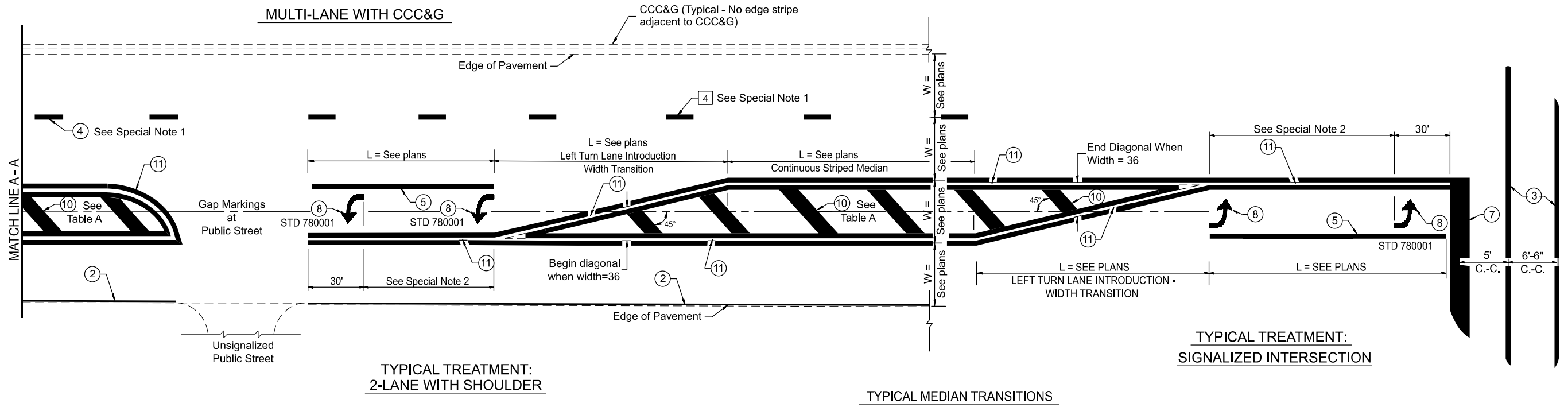
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PLOT DATE = 3/11/2026	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS**

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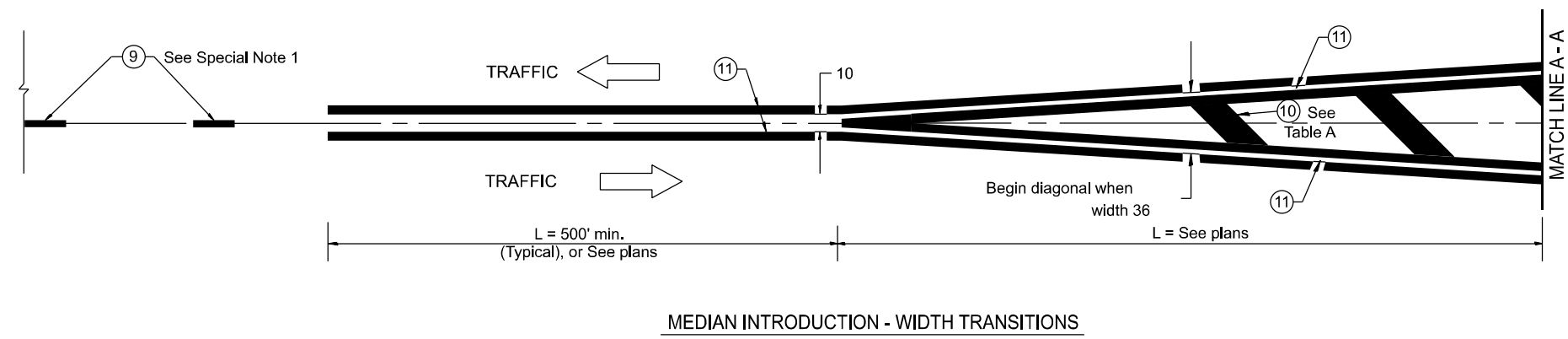
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534	111RS-5	HENDERSON	75	69
DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				



**FLUSH PAVED MEDIAN: RESTRICTED LEFT TURN LANE**

**TABLE A**  
RECOMMENDED SPACING BETWEEN DIAGONAL LINES

SPEED LIMIT RANGE	INTERSECTION CHANNELIZATION (Includes Width Transitions for Median and Left Turn Lane Introductions)	
	CONTINUOUS	
Less Than 30 mph	50'	15'
30 - 45 mph	75'	20'
Over 45 mph	150'	30'



All dimensions are in inches unless otherwise noted.

MODEL: D4-780001-02  
FILE NAME: c:\p\work\p\main\oms5169\D4-780001.dgn

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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**TYPICAL PAVEMENT MARKINGS**

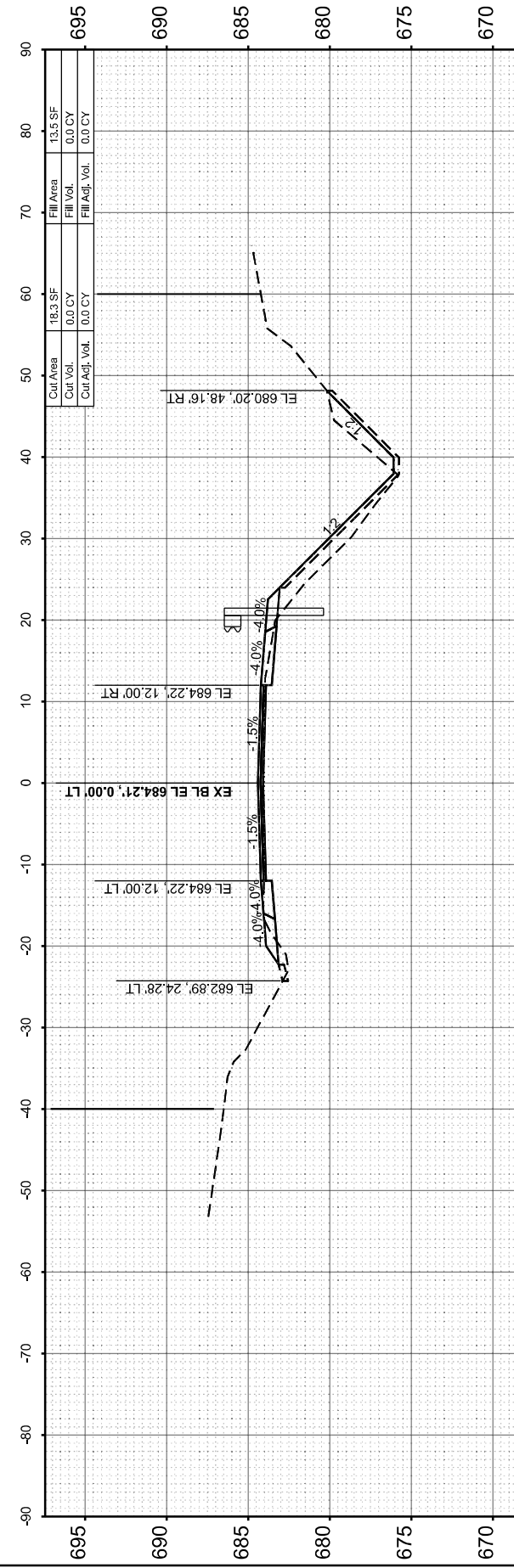
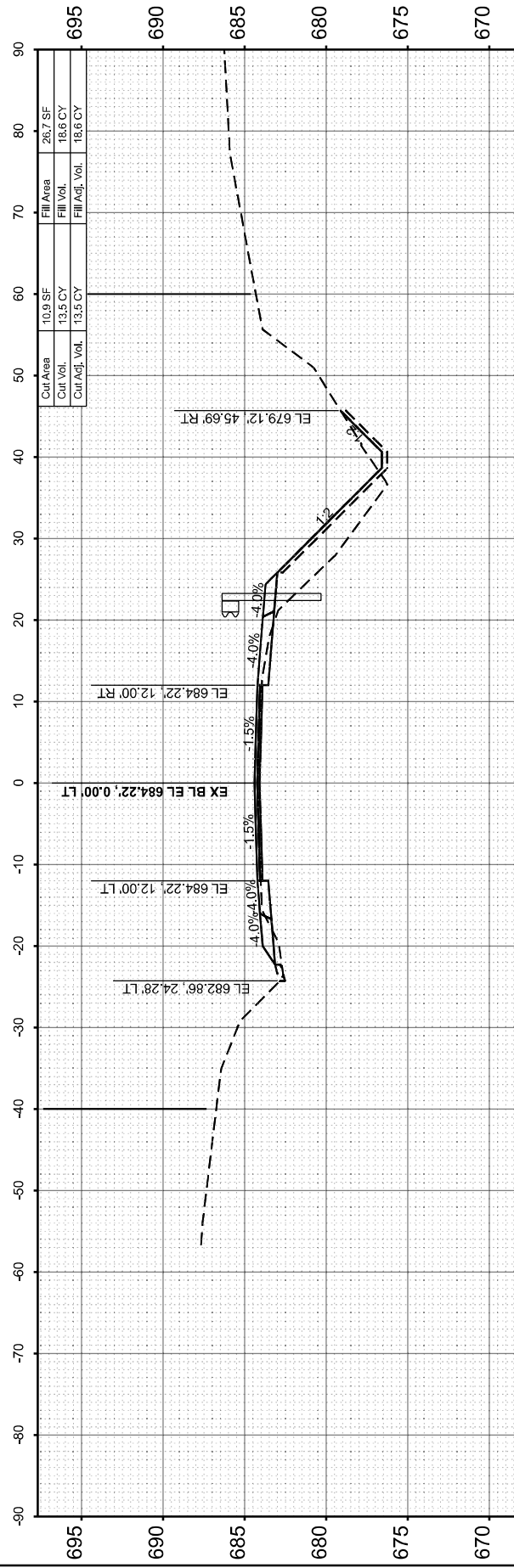
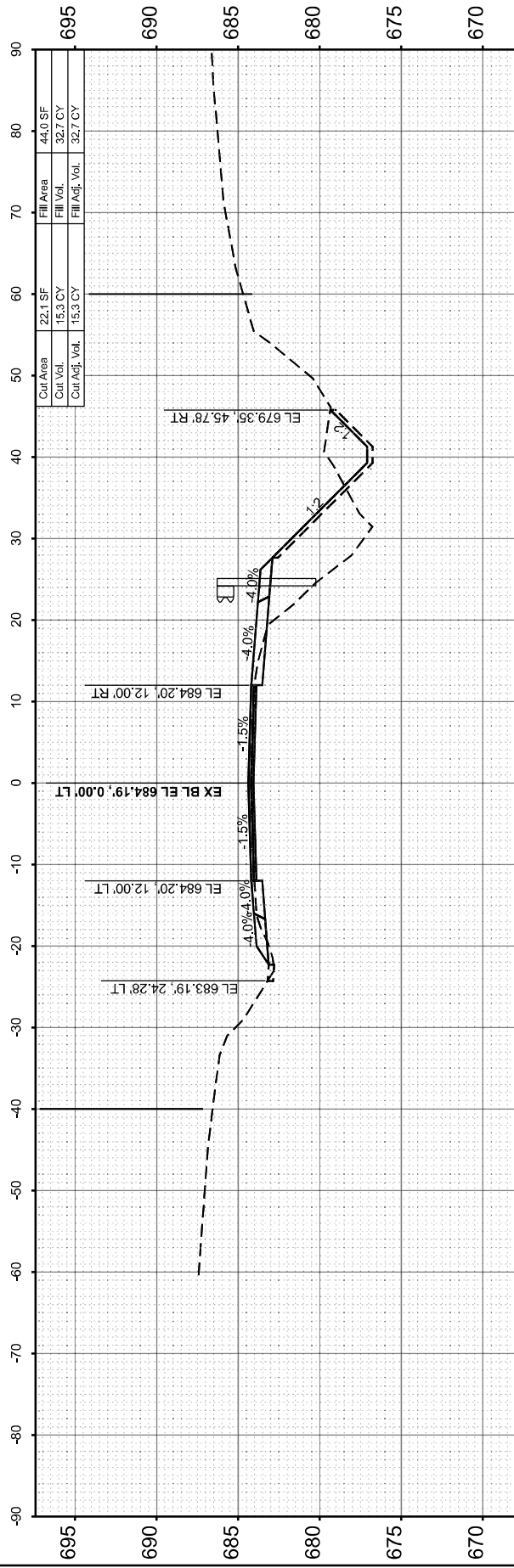
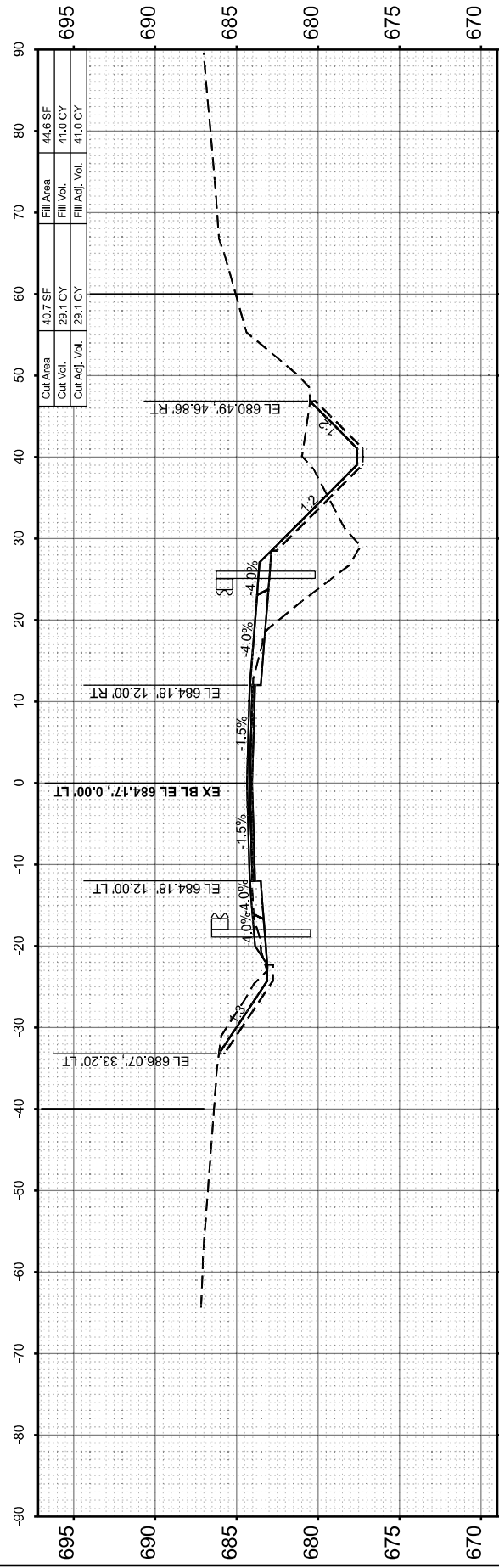
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DISTRICT 4 DETAIL NO. 780001		CONTRACT NO. 68K14		
ILLINOIS FED. AID PROJECT				

FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
	TEMPLATE		
	AREAS		
	CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
CROSS SECTIONS

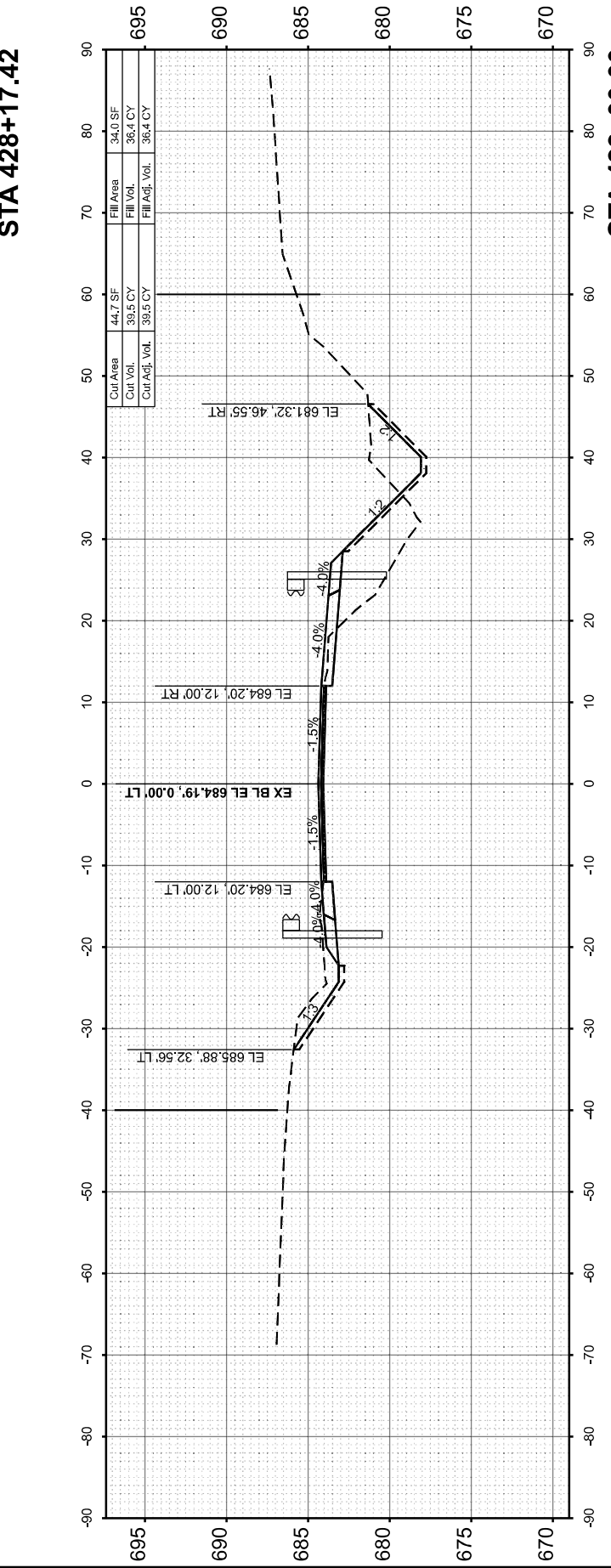
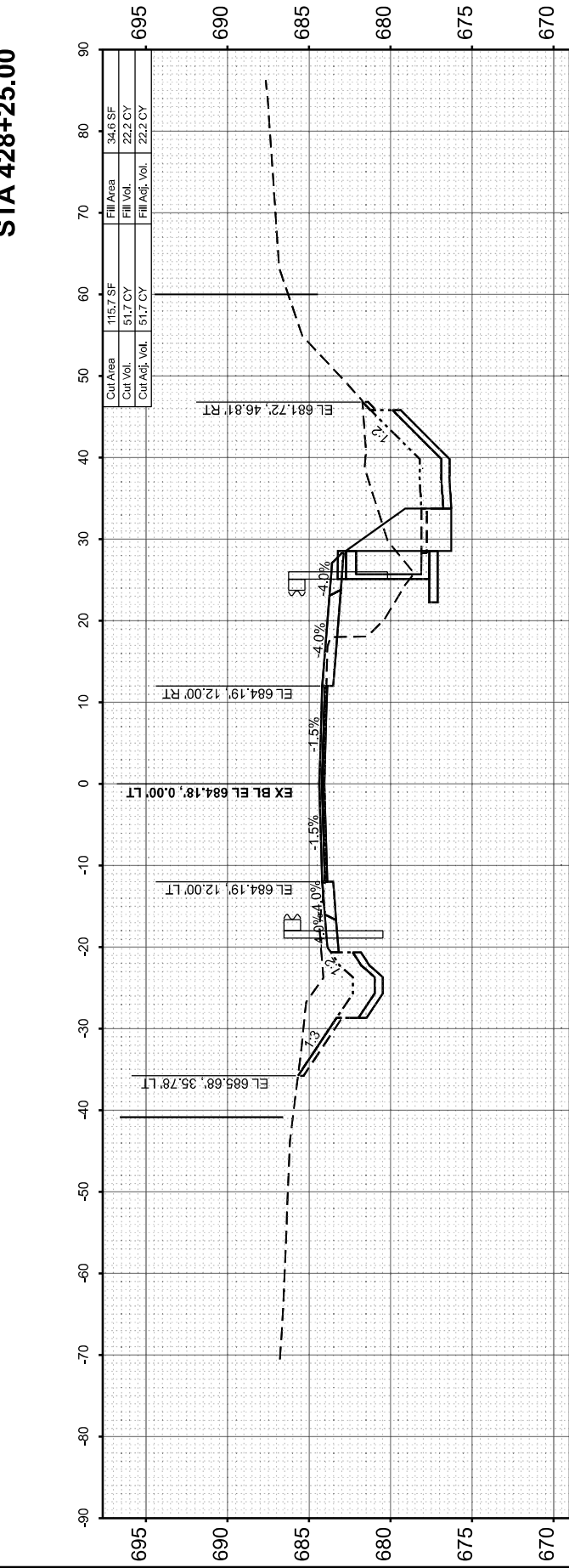
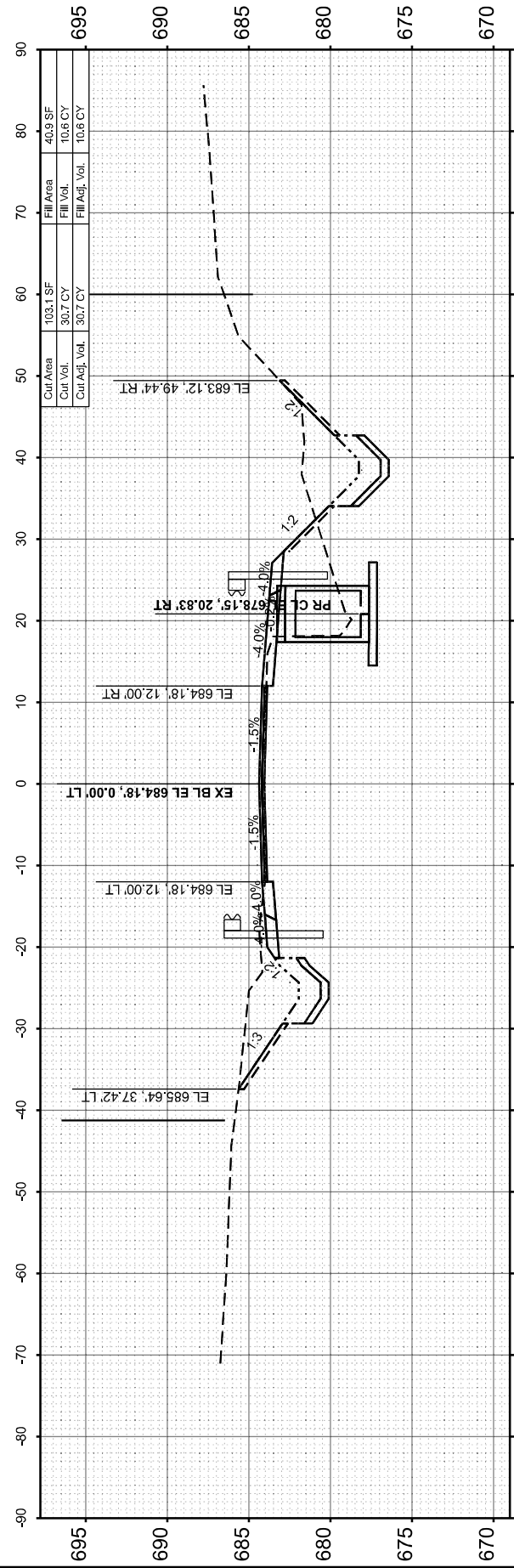
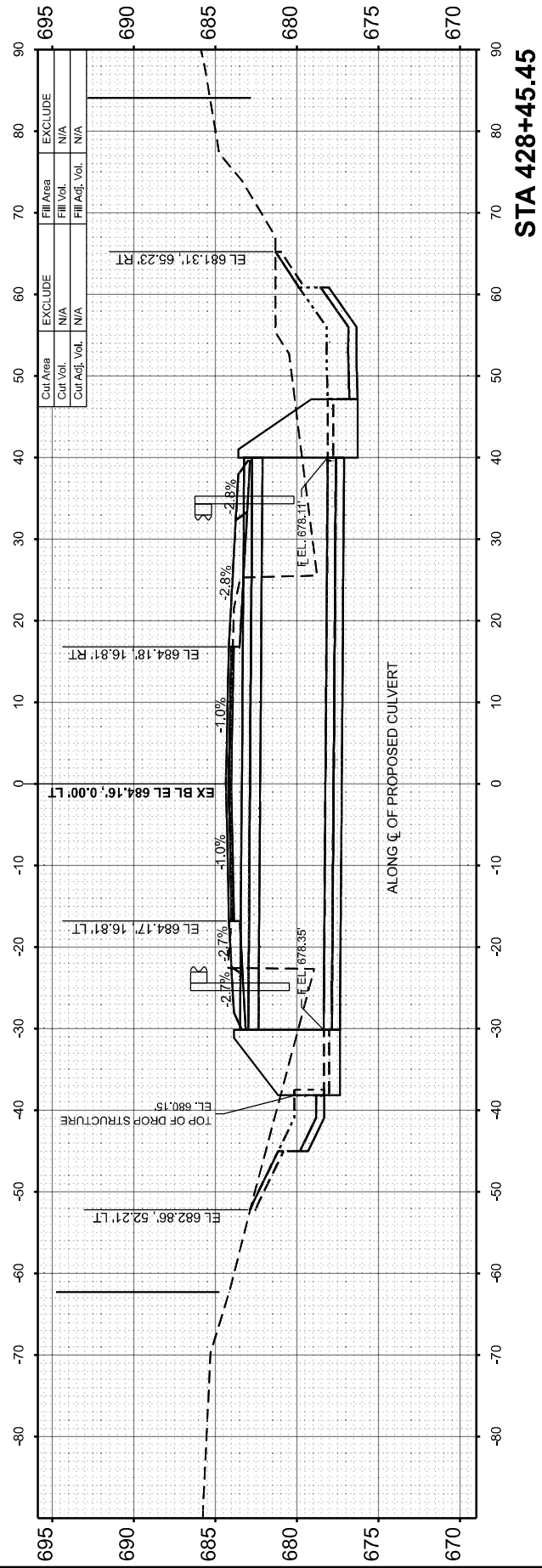
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL RTE 94  
 CROSS SECTIONS

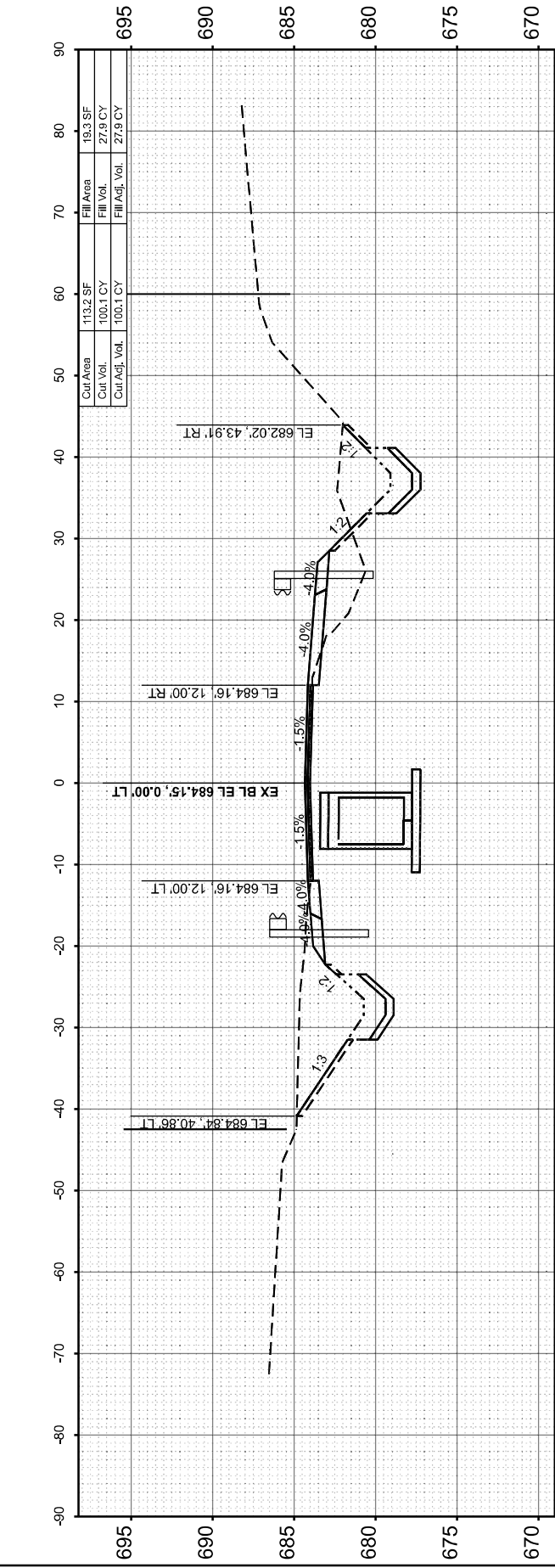
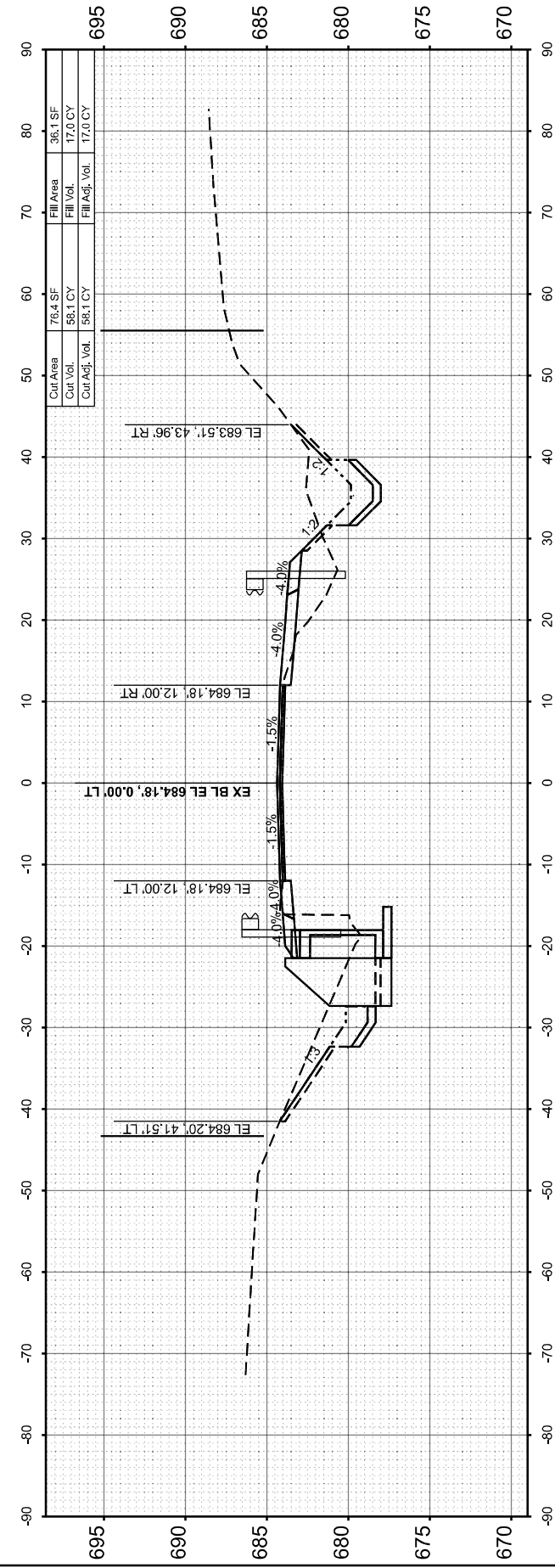
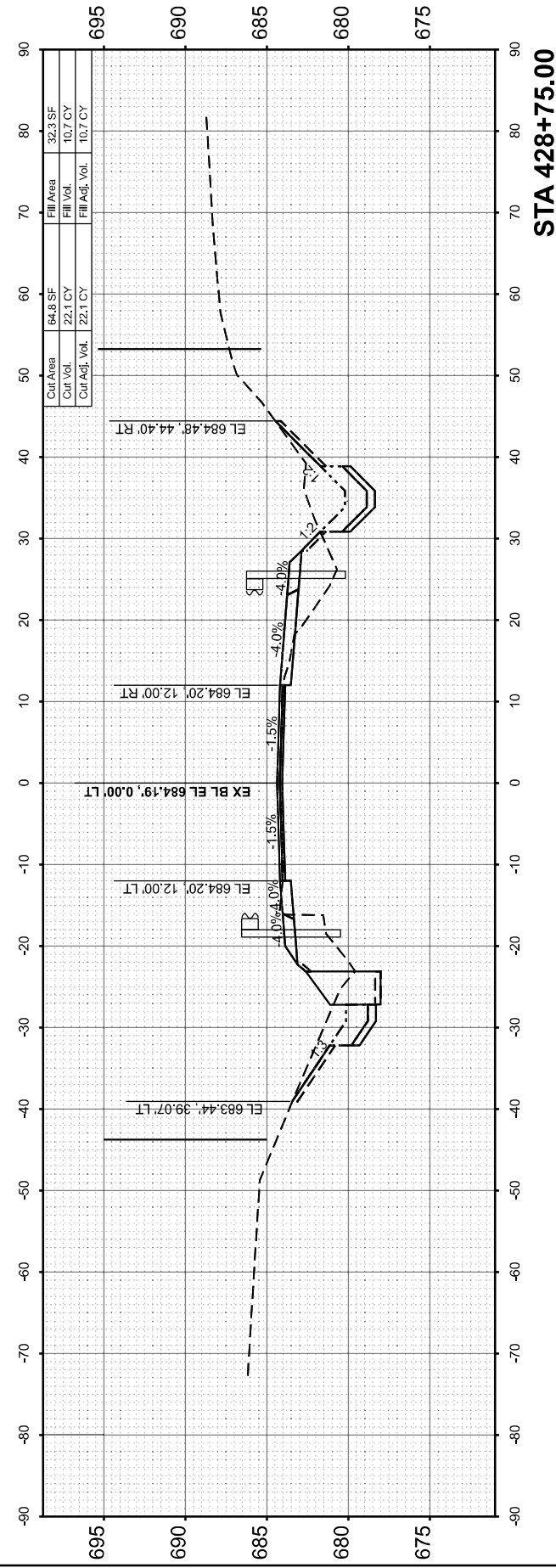
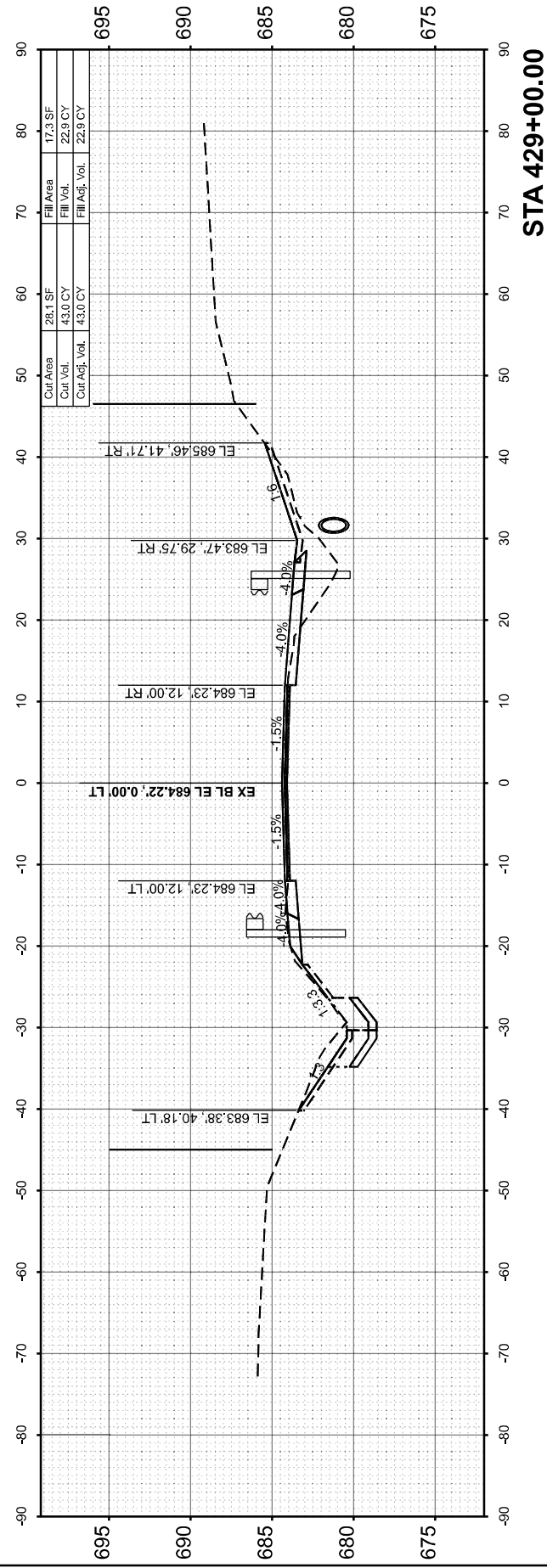
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	72
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**IL RTE 94  
 CROSS SECTIONS**

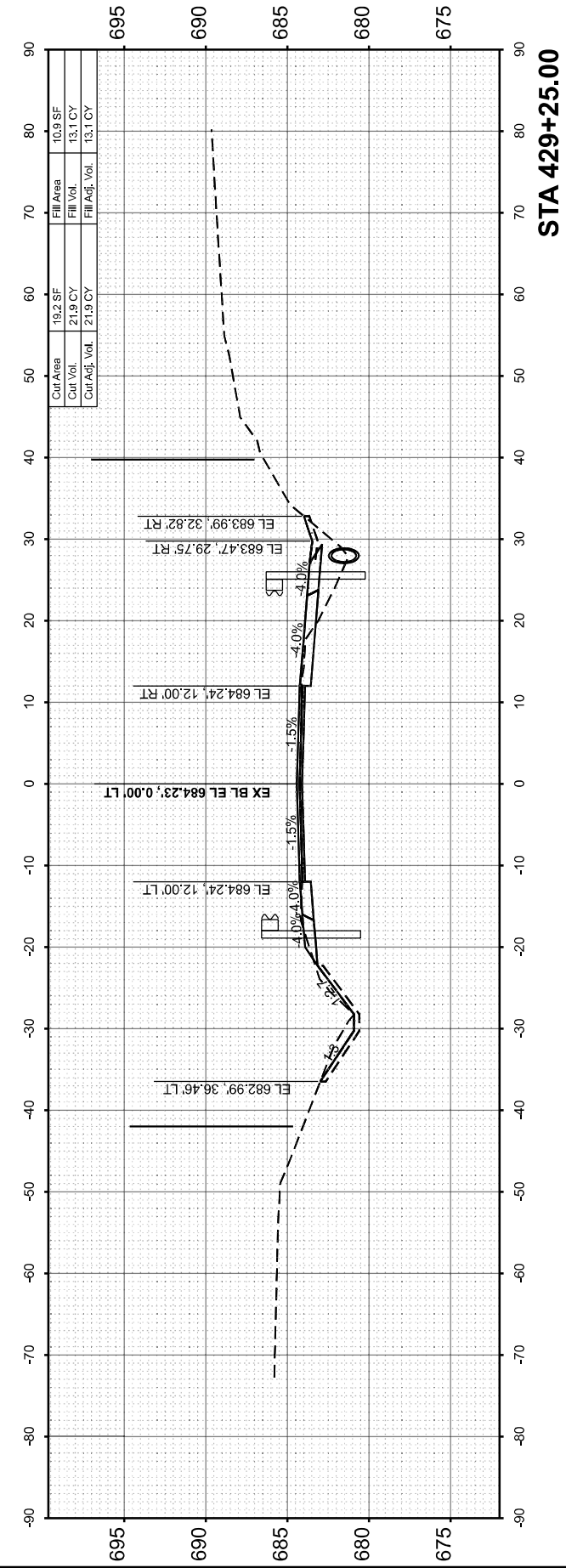
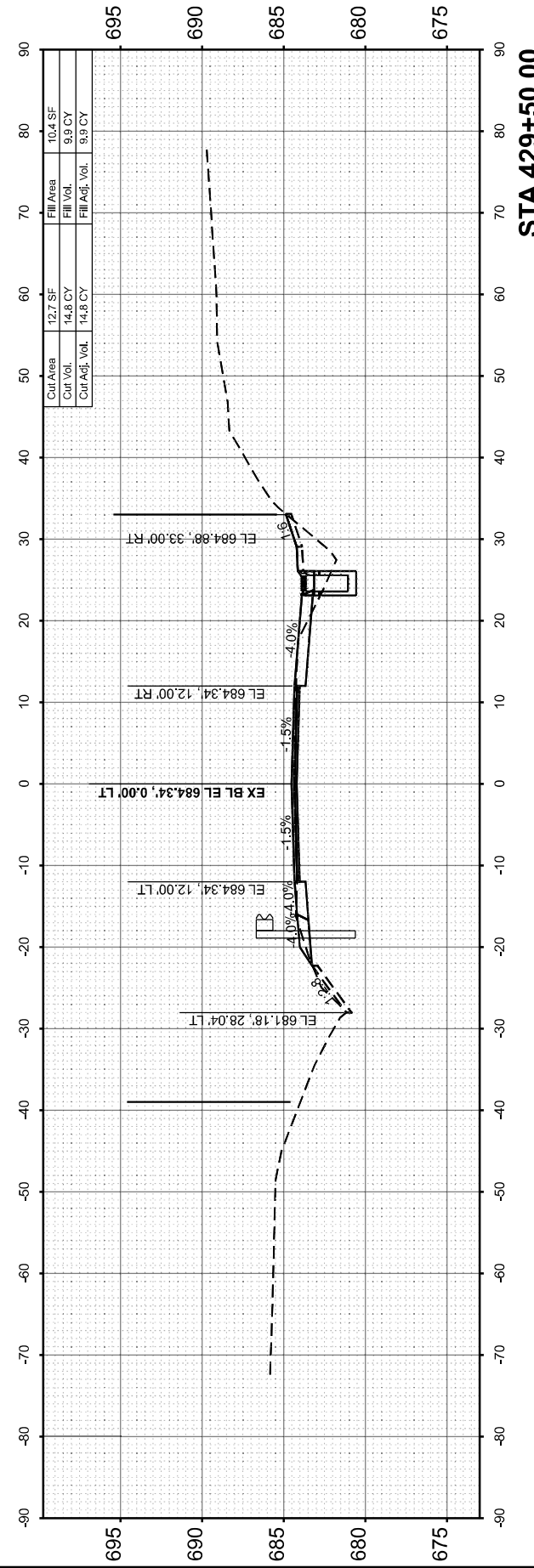
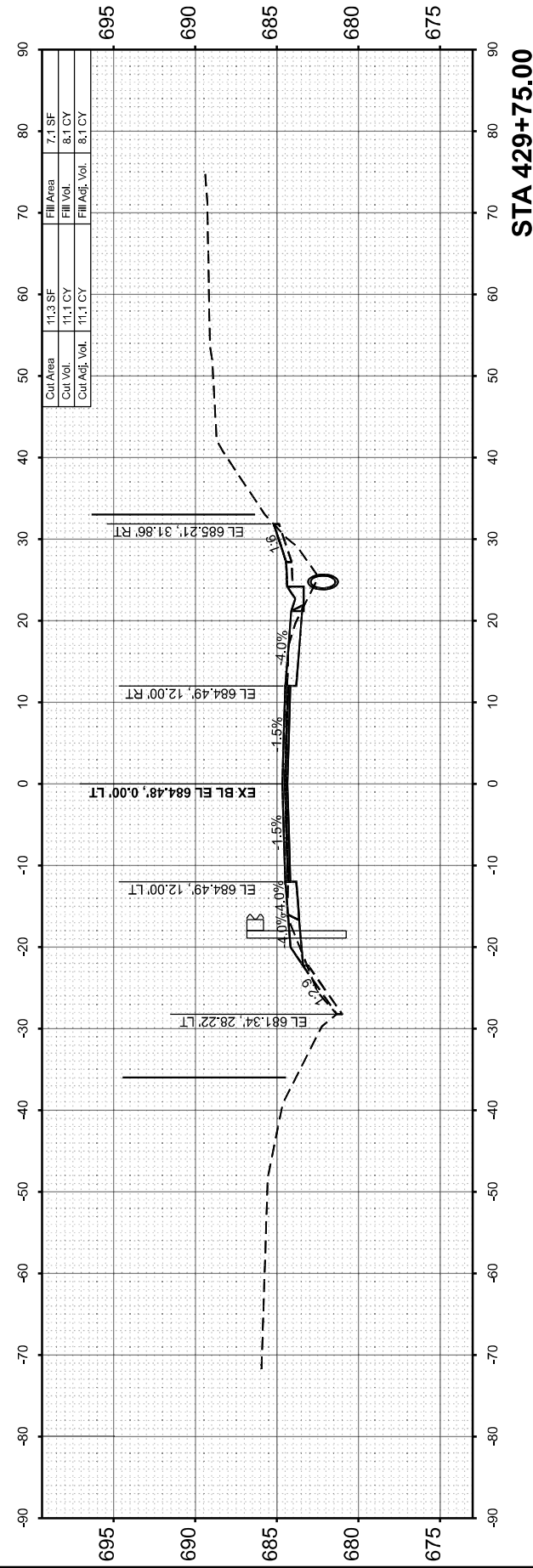
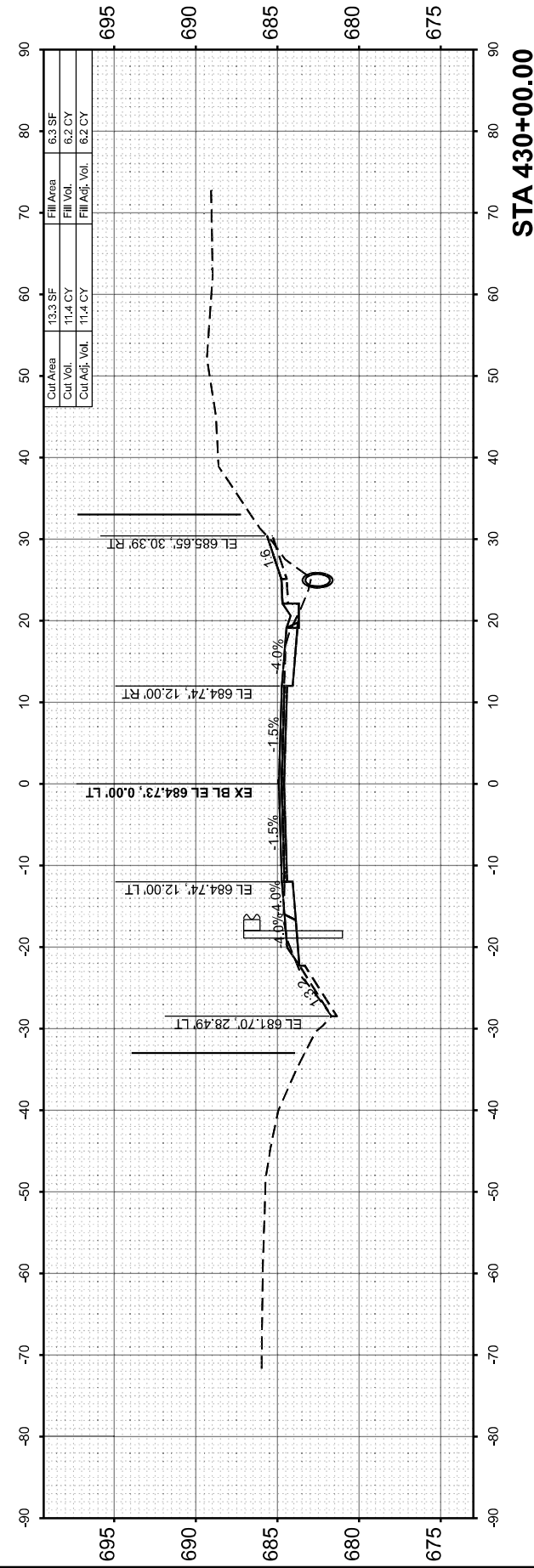
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CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

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NO.	AREAS CHECKED		

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		DRAWN -	TW	REVISED -	
		CHECKED -		REVISED -	
DATE	3/18/2026	DATE		REVISED -	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

IL RTE 94  
CROSS SECTIONS

SCALE: 1"=10' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	74
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

MODEL: IL94 - 430+25.00 (Sheet)  
 FILE NAME: c:\pwworking\main\m55119\468K14-sh-xss-m1.dgn



USER NAME = TravisW	DESIGNED - TW	REVISED -
	DRAWN - TW	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 3/18/2026	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL RTE 94  
 CROSS SECTIONS

SCALE: 1"=10' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
534	111RS-5	HENDERSON	75	75
CONTRACT NO. 68K14				
ILLINOIS FED. AID PROJECT				

