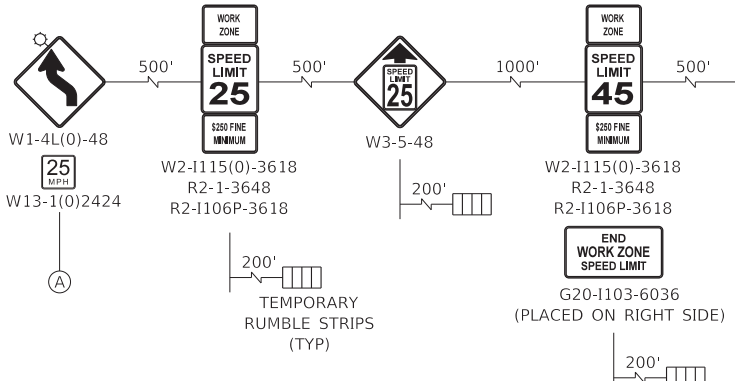
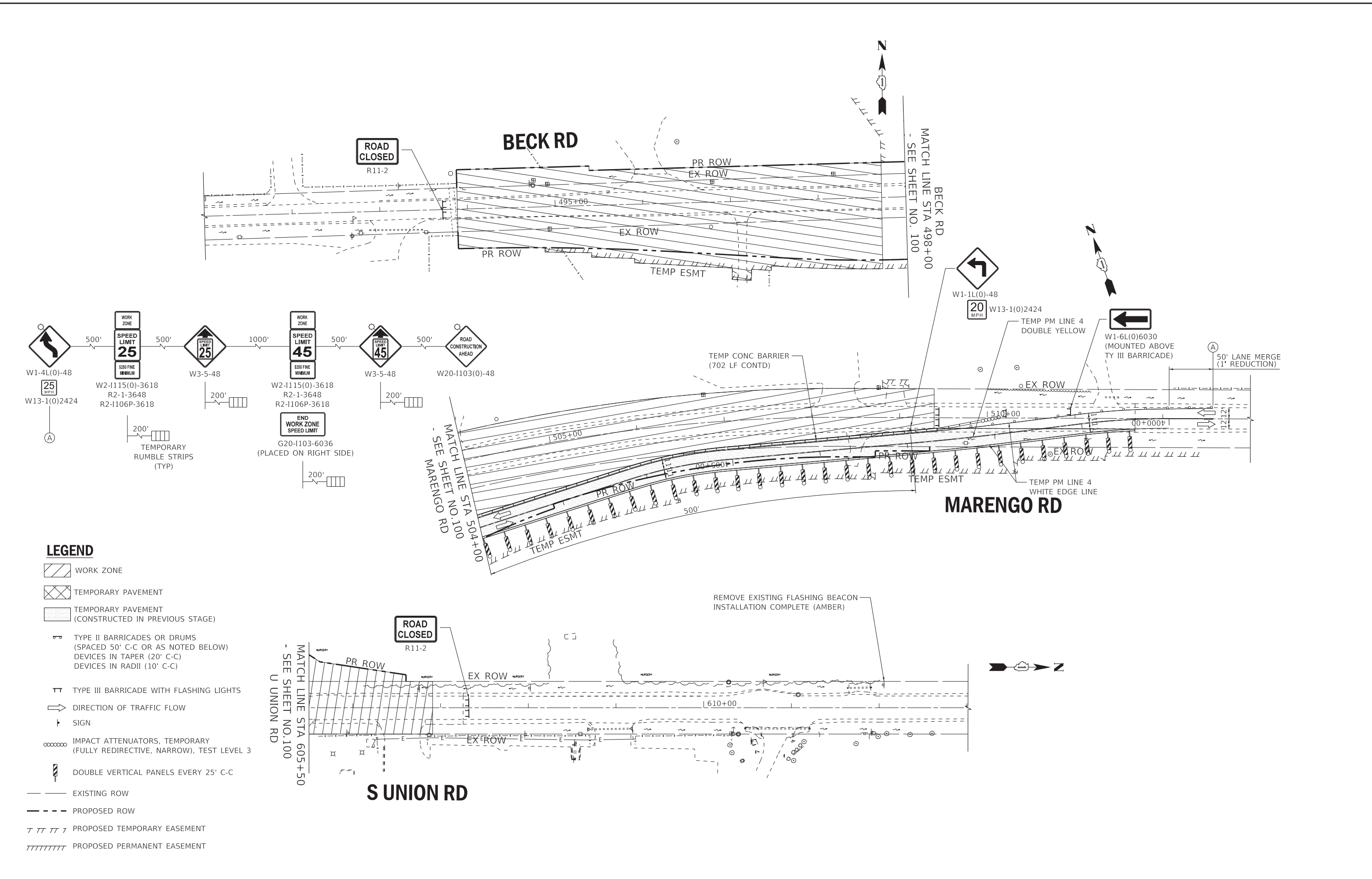


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LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT

BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED - REW	REVISED -
	PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-MOT_Stage2A-3.dgn














STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 2A PLAN
BECK RD, MARENGO RD AND S UNION RD

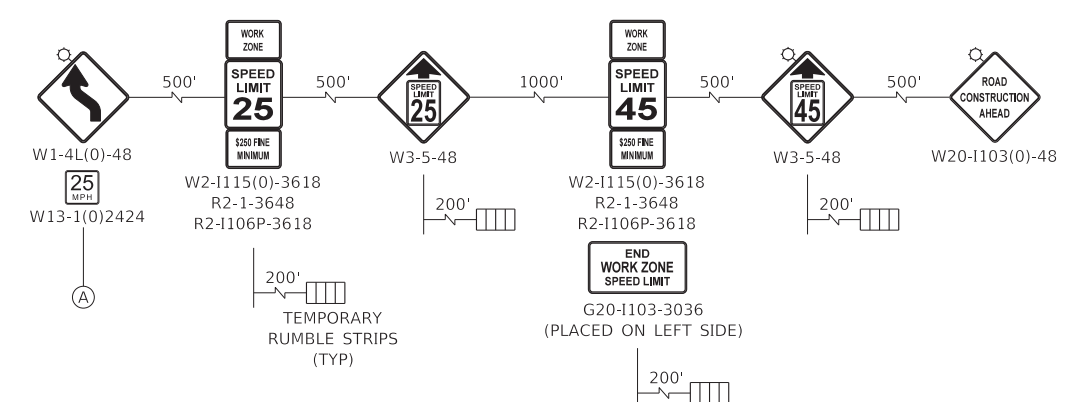
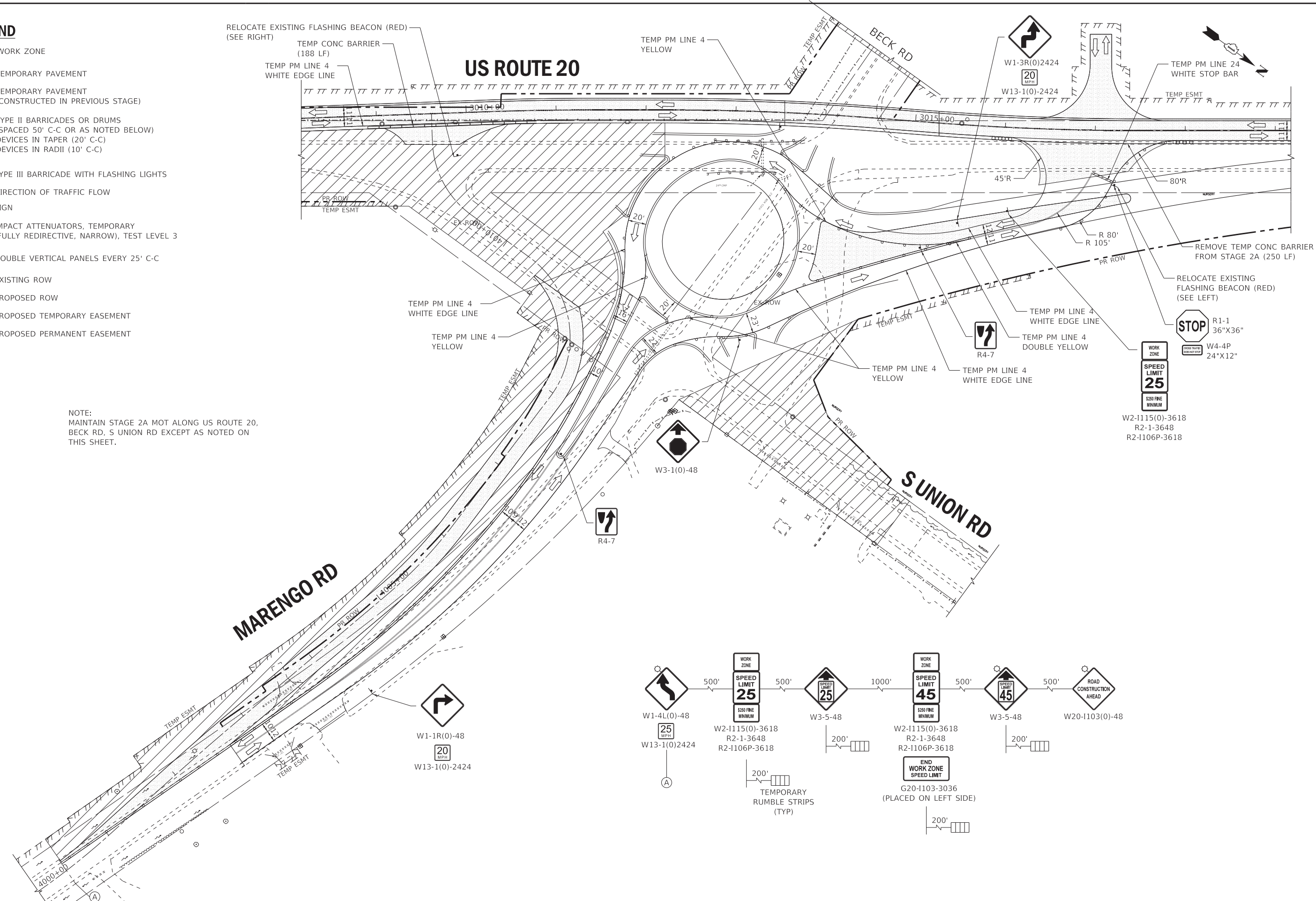
SCALE: 1" = 50' SHEET 11 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	102
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

LEGEND

-  WORK ZONE
-  TEMPORARY PAVEMENT
-  TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
-  TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  DIRECTION OF TRAFFIC FLOW
-  SIGN
-  IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
-  DOUBLE VERTICAL PANELS EVERY 25' C-C
-  EXISTING ROW
-  PROPOSED ROW
-  PROPOSED TEMPORARY EASEMENT
-  PROPOSED PERMANENT EASEMENT

NOTE:
 MAINTAIN STAGE 2A MOT ALONG US ROUTE 20,
 BECK RD, S UNION RD EXCEPT AS NOTED ON
 THIS SHEET.



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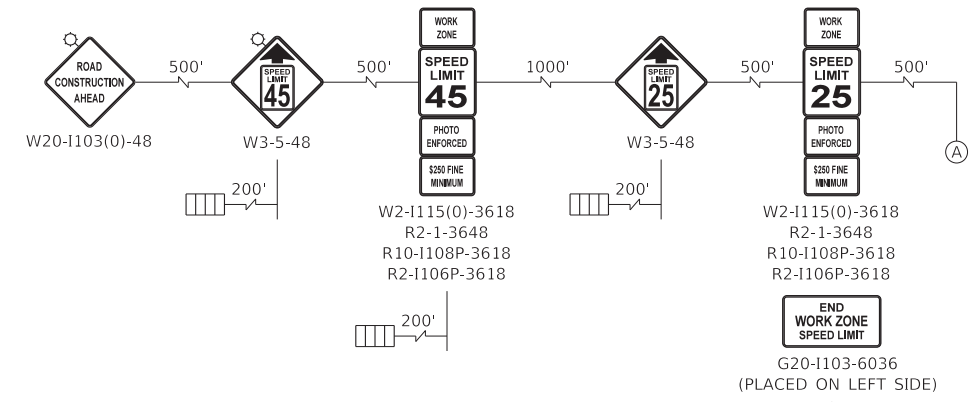
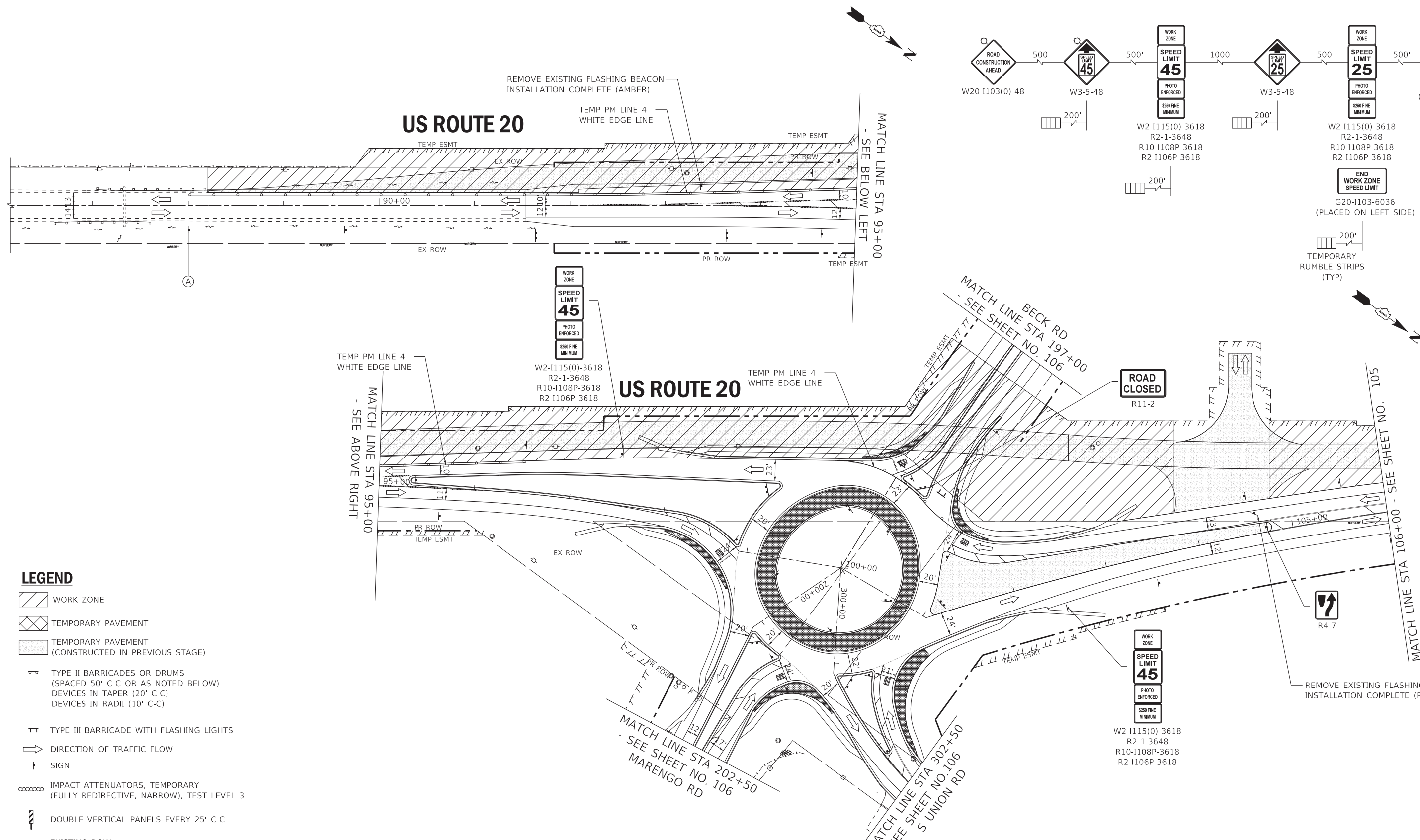
BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED - AMW	REVISED -
	PLOT SCALE = 50.0000' / in.	DRAWN - KAR	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-MOT_Stage2B.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC - STAGE 2B PLAN
US ROUTE 20

SCALE: 1" = 50' SHEET 12 OF 20 SHEETS STA. 739+00 TO STA. 760+00

F.A.P. RTE. 525	SECTION 2016-092B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 103
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW)
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT

NOTES:
SEE SIGNAGE PLANS FOR ROUNDABOUT SIGNAGE TO BE INSTALLED PRIOR TO STAGE 3A. COVER ALL OR PORTION OF SIGNS PERTAINING TO SPEED LIMIT OR BECK ROAD.

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		DATE - 01-24-20	FILE - D162D36-sht-MOT_Stage3A-1.dgn

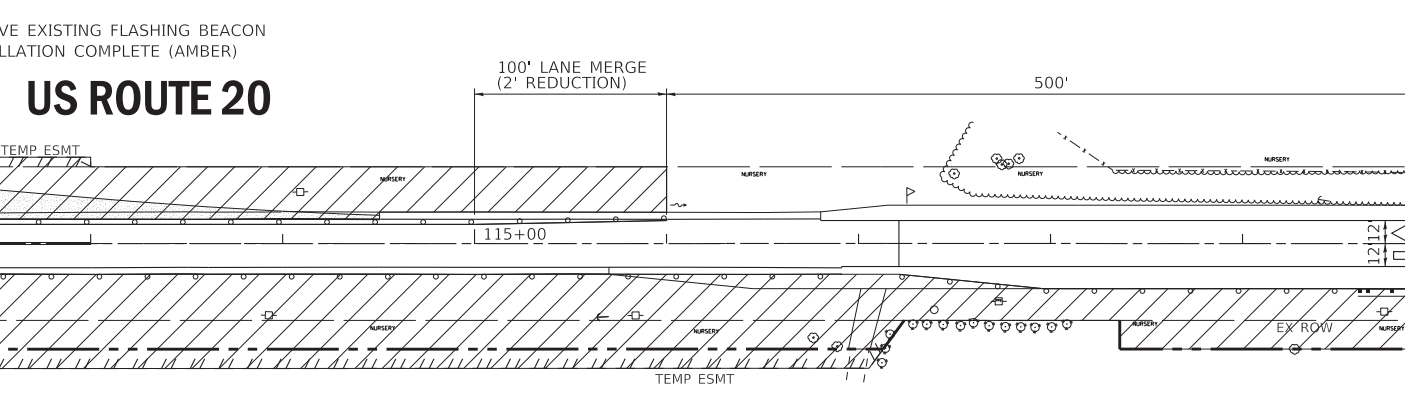
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC - STAGE 3A PLAN	
US ROUTE 20	
SCALE: 1" = 50'	SHEET 13 OF 20 SHEETS
STA. 739+00	TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	104
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWMI(759)				

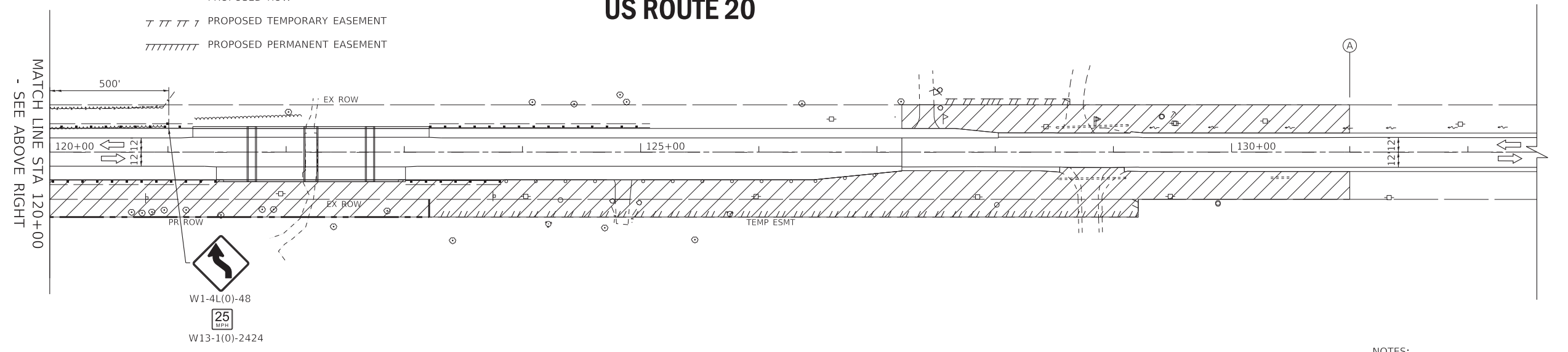
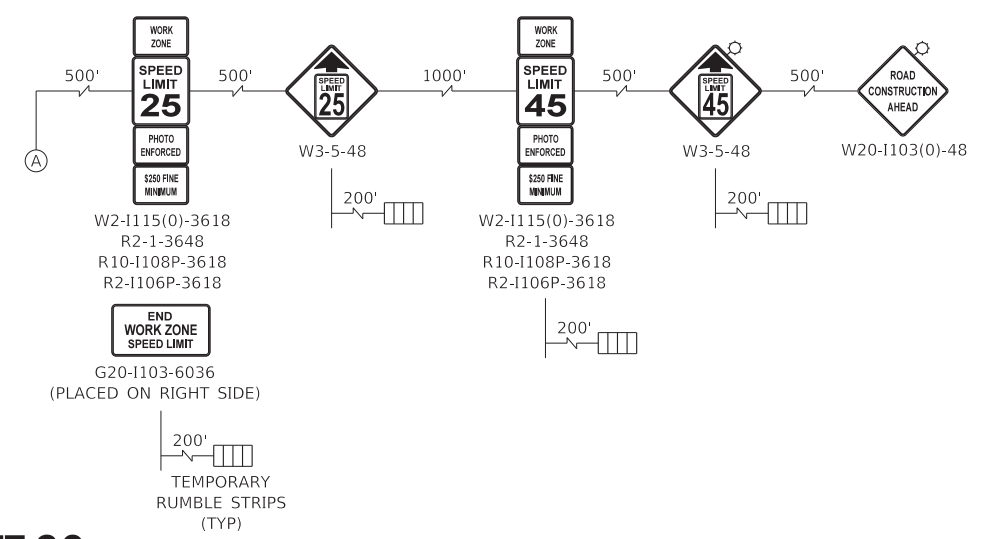
MATCH LINE STA 106+00 - SEE SHEET NO. 104

MATCH LINE STA 120+00
- SEE BELOW LEFT



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT



NOTES:
COVER PROPOSED SPEED LIMIT SIGNS WHILE WORK ZONE SPEED LIMIT IS IMPLEMENTED.

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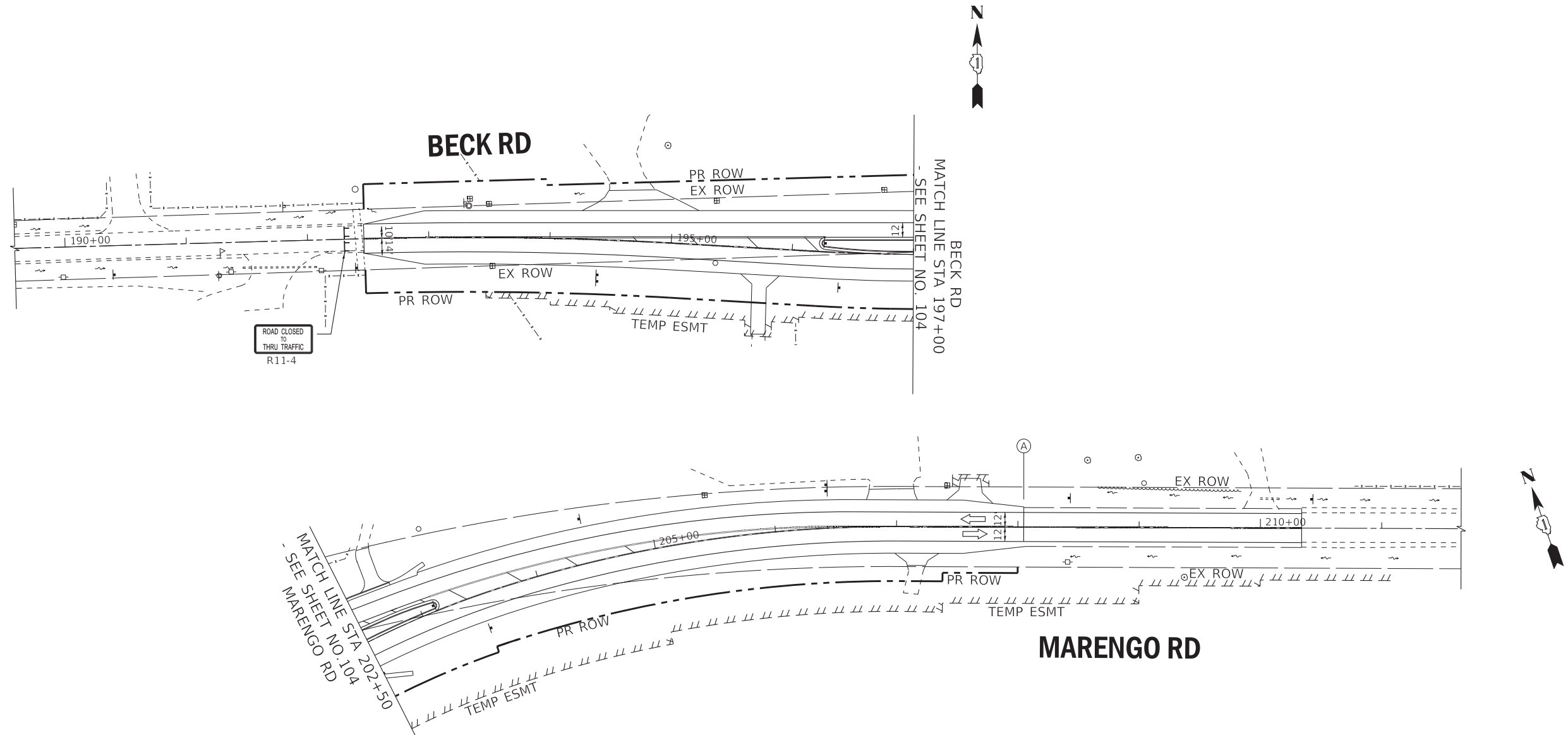


USER NAME = 560KAR	DESIGNED - REW	REVISED -
PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -
PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

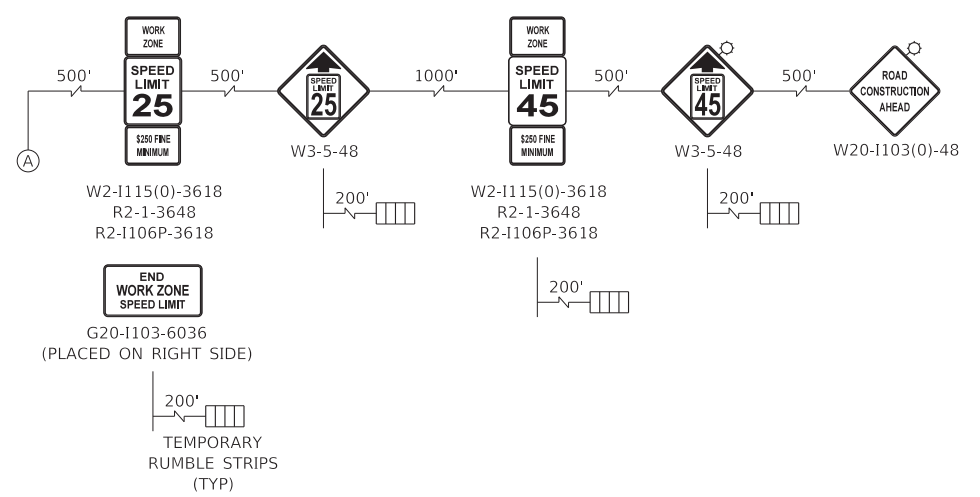
MAINTENANCE OF TRAFFIC - STAGE 3A PLAN
US ROUTE 20
SCALE: 1" = 50' SHEET 14 OF 20 SHEETS STA. 760+00 TO STA. 786+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	105
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT



NOTES:
COVER PROPOSED SPEED LIMIT SIGNS WHILE WORK ZONE SPEED LIMIT IS IMPLEMENTED.

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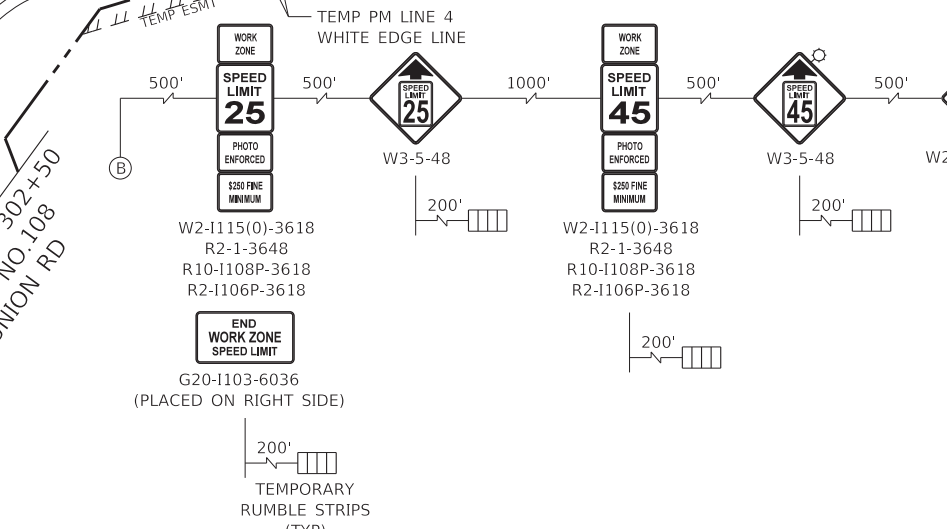
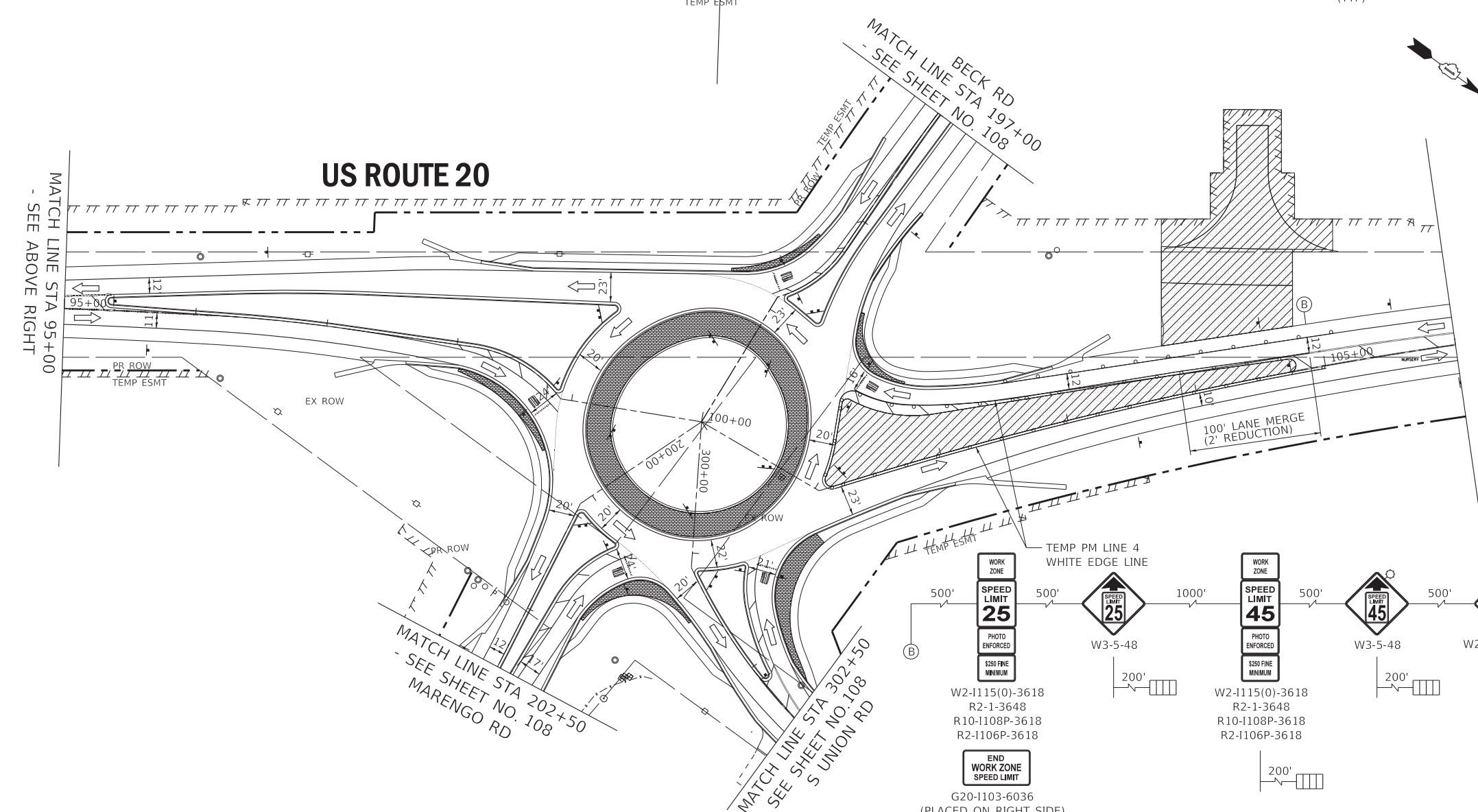
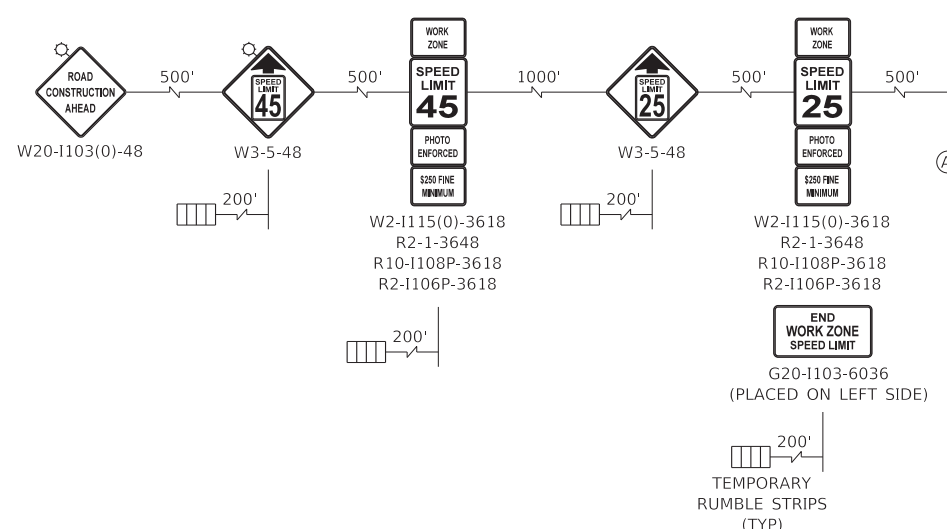
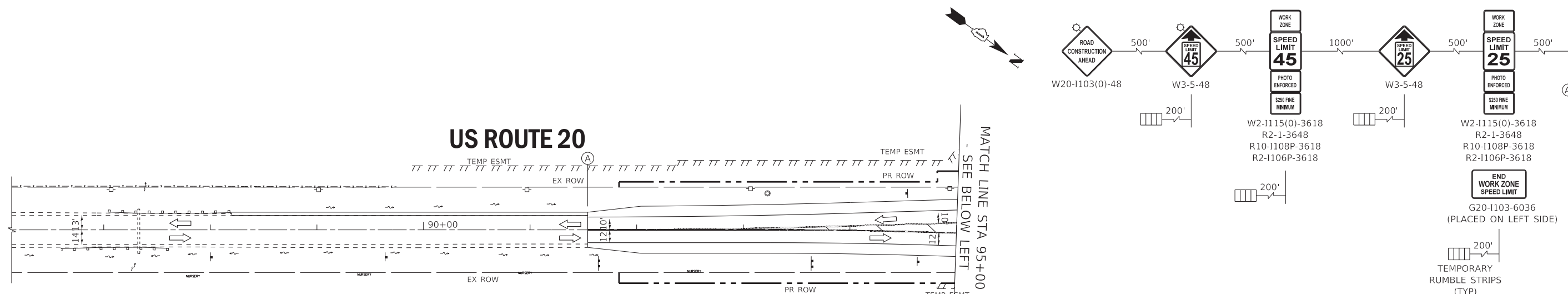
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	PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-MOT_Stage3A-3.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**MAINTENANCE OF TRAFFIC - STAGE 3A PLAN
BECK RD, MARENGO RD AND S UNION RD**

SCALE: 1" = 50'
SHEET 15 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	106
			CONTRACT NO. 62D36	
		ILLINOIS	FED. AID PROJECT	GMW(759)



LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW)
DEVICES IN TAPER (20' C-C)
DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT

NOTES:
SEE SIGNAGE PLANS FOR ROUNDABOUT SIGNAGE TO BE INSTALLED PRIOR TO STAGE 3A. COVER SIGNS PERTAINING TO SPEED LIMIT. DISPLAY BECK ROAD SIGNAGE.

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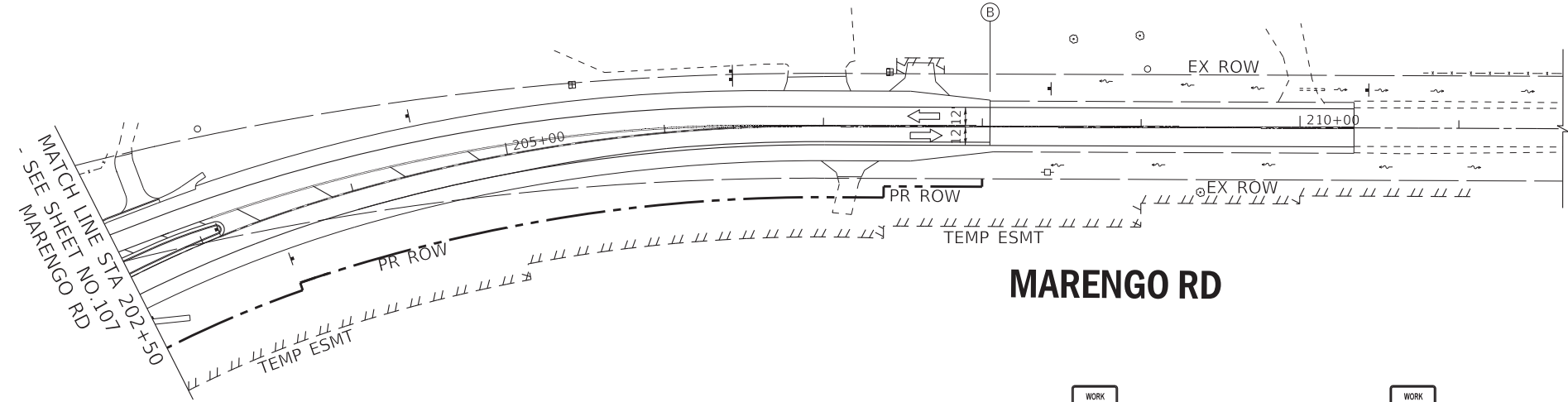
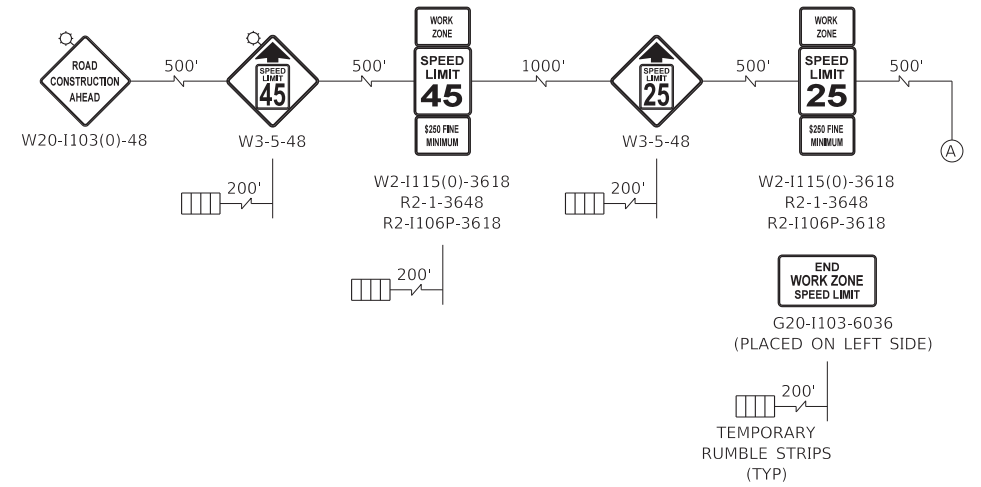
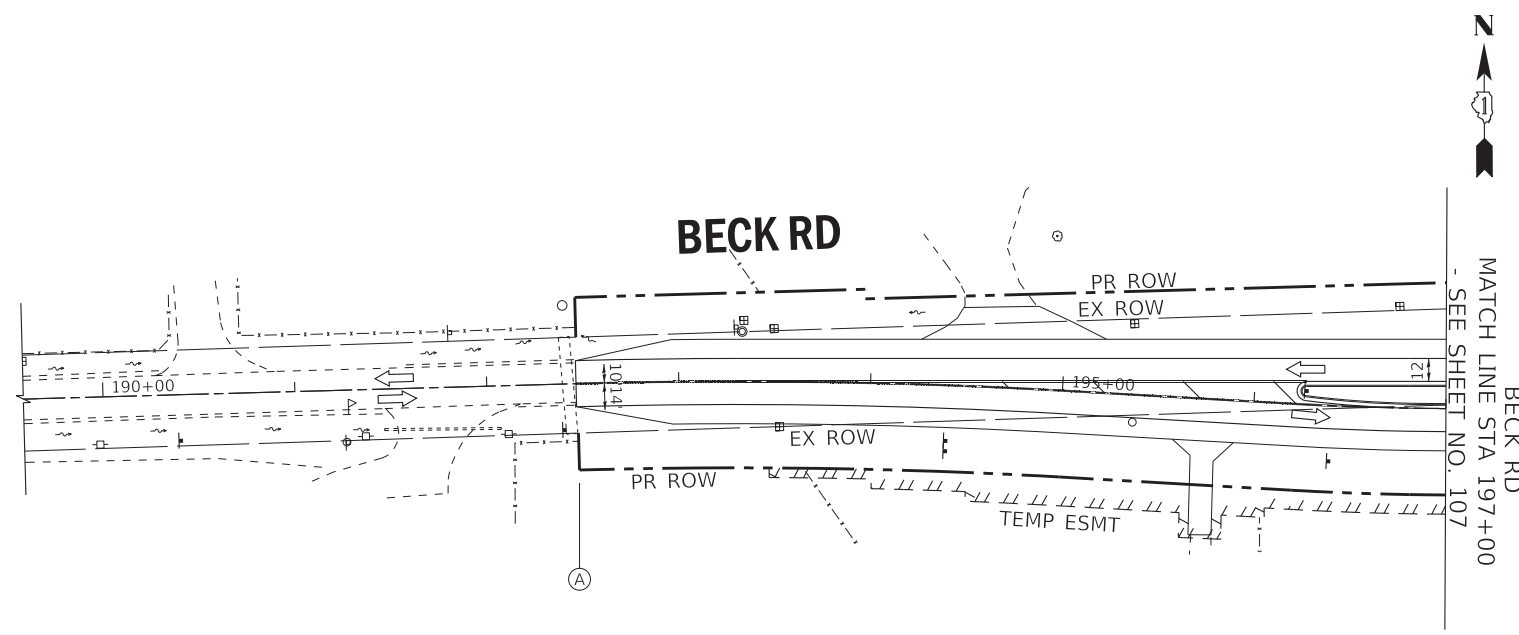
BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED - AMW	REVISED -
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	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

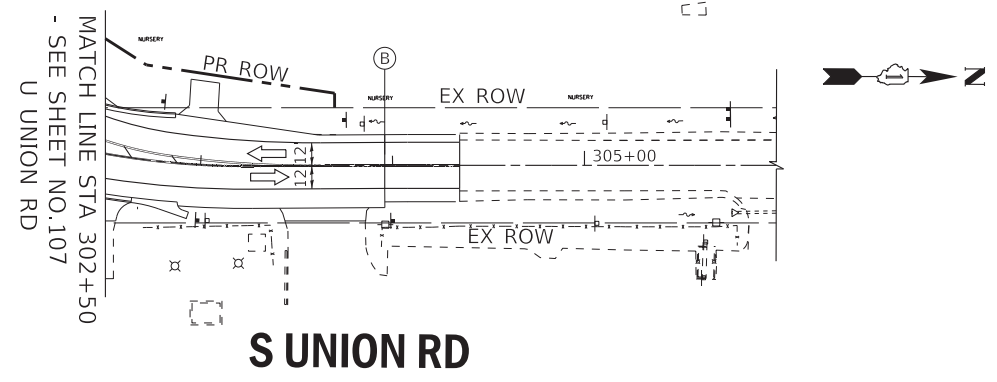
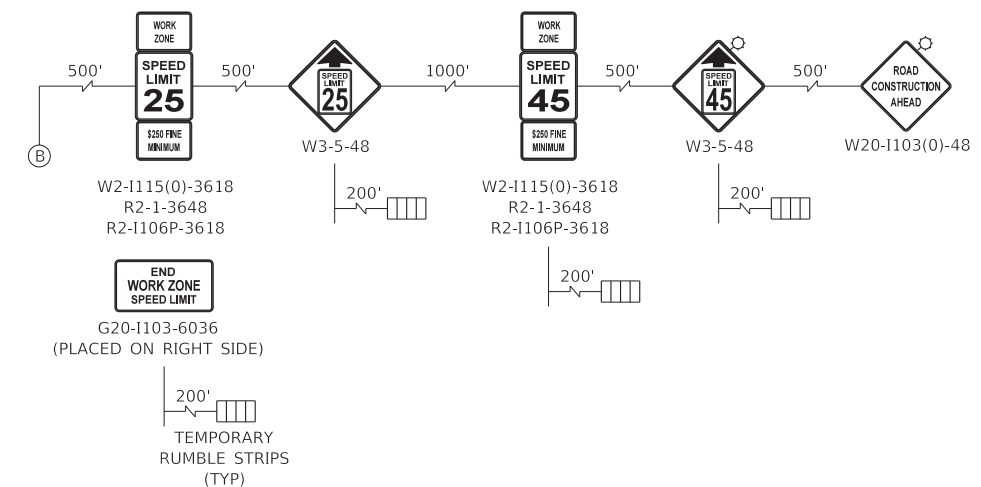
MAINTENANCE OF TRAFFIC - STAGE 3B PLAN
US ROUTE 20
SCALE: 1" = 50' SHEET 16 OF 20 SHEETS STA. 739+00 TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	107
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1(759)				

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MARENGO RD



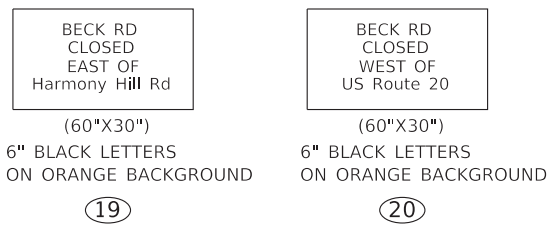
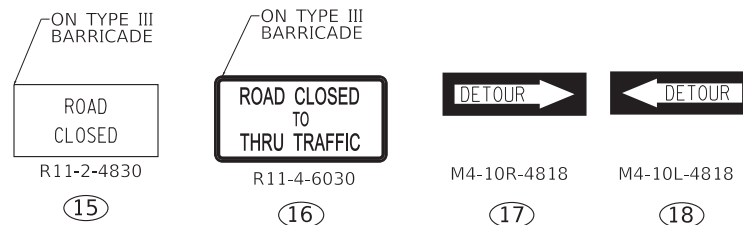
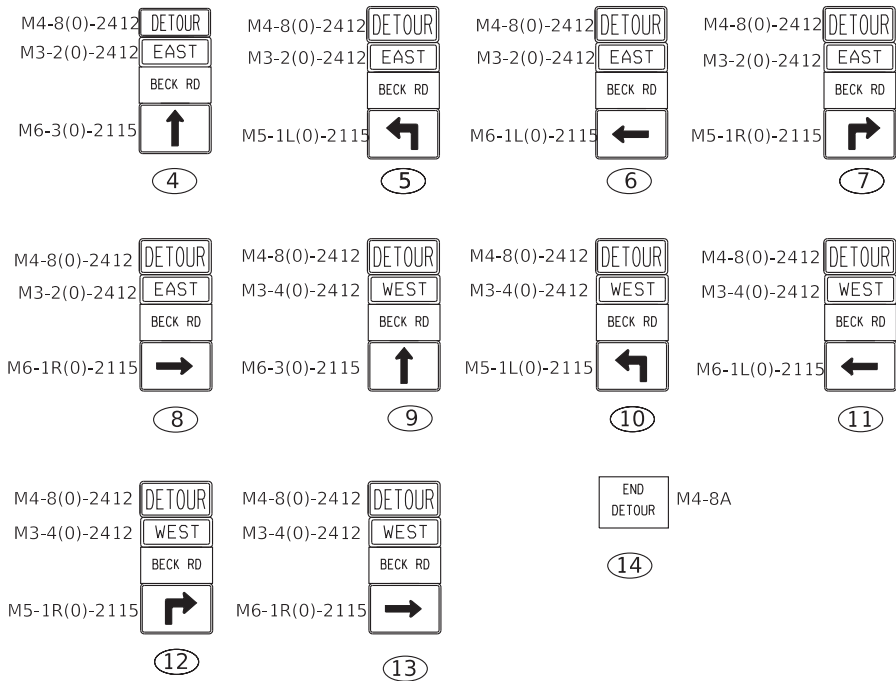
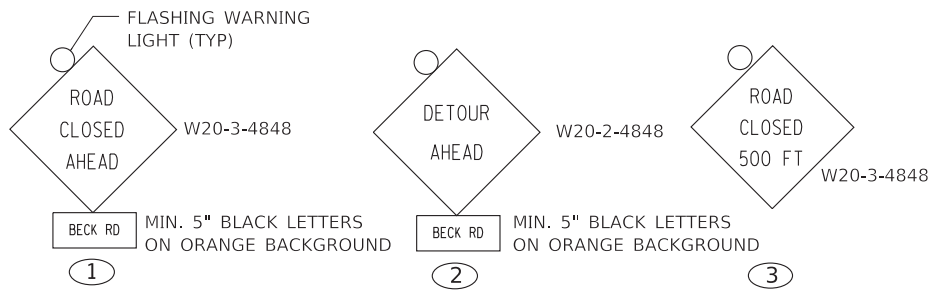
S UNION RD

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- TYPE III BARRICADE WITH FLASHING LIGHTS
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED TEMPORARY EASEMENT
- PROPOSED PERMANENT EASEMENT

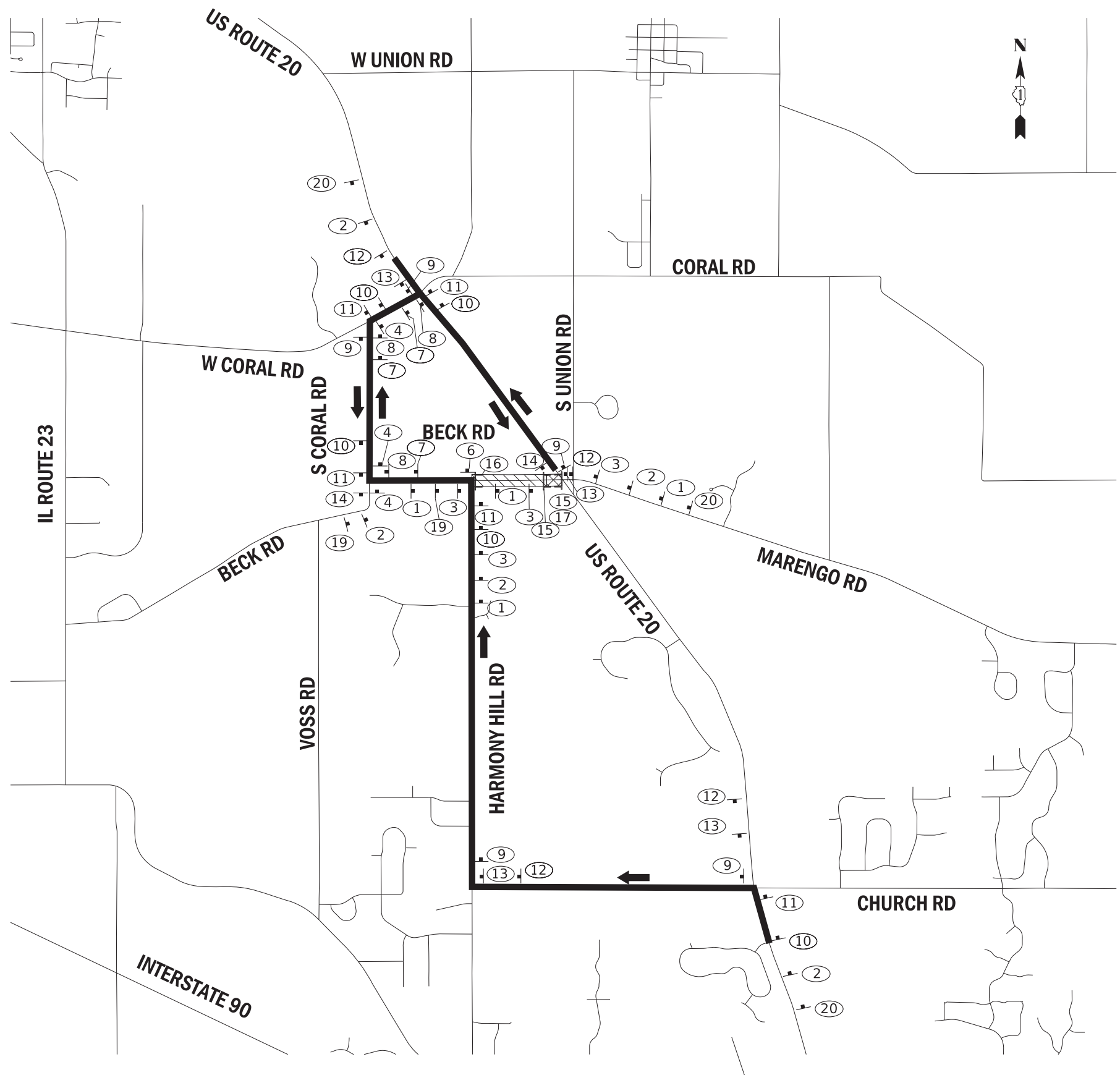
NOTES:
 COVER PROPOSED SPEED LIMIT SIGNS WHILE WORK ZONE SPEED LIMIT IS IMPLEMENTED.

	USER NAME = 560KAR	DESIGNED - REW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC - STAGE 3B PLAN BECK RD, MARENGO RD AND S UNION RD	F.A.P. RTE. = 525	SECTION = 2016-092B&R	COUNTY = MCHENRY	TOTAL SHEETS = 329	SHEET NO. = 108
	PLOT SCALE = 50.0000' / in.	CHECKED - JFM	REVISED -			SCALE: 1" = 50'	SHEET 17 OF 20 SHEETS	STA. TO STA.	CONTRACT NO. 62D36	
	PLOT DATE = 1/17/2020	DATE = 01-24-20	FILE = D162D36-sht-MOT_Stage3B-3.dgn							



LEGEND

- DIRECTION OF TRAFFIC
- SIGN
- TYPE III BARRICADE
- DETOUR ROUTE
- ROAD CLOSURE
- ROAD CLOSED TO THROUGH TRAFFIC



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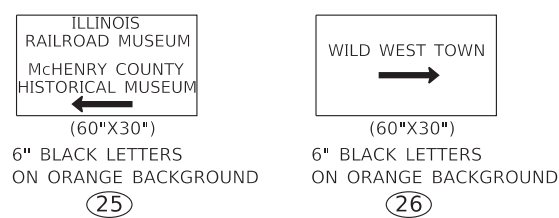
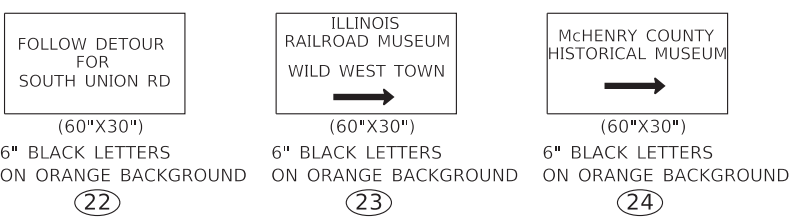
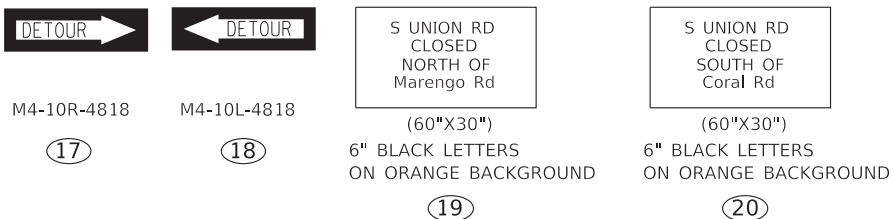
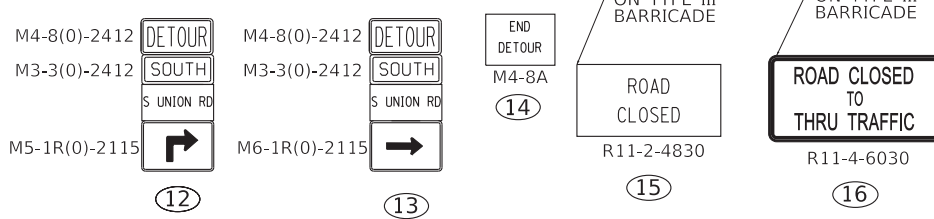
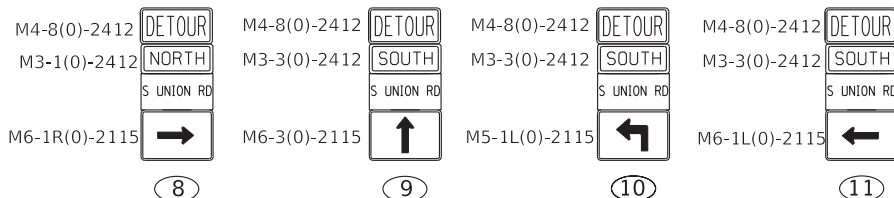
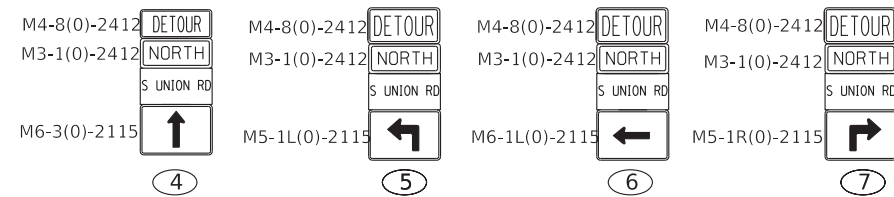
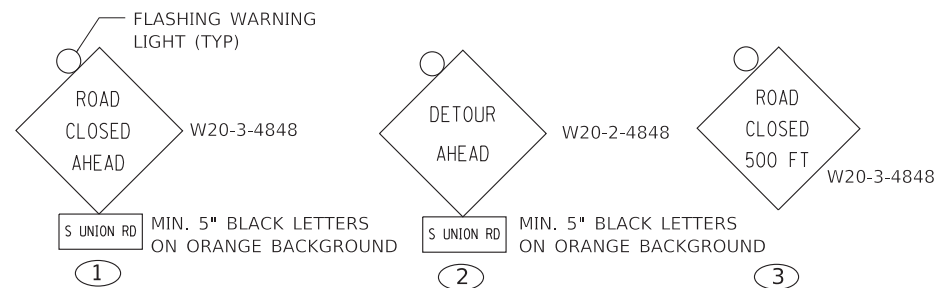
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PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-MOT_DetourBeck.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**SUGGESTED MAINTENANCE OF TRAFFIC
DETOUR ROUTE - BECK RD**

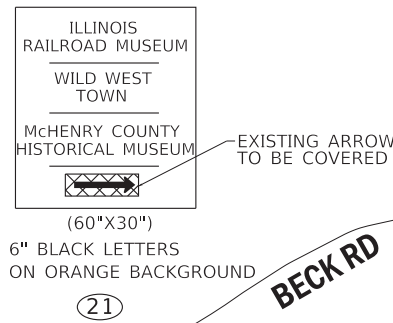
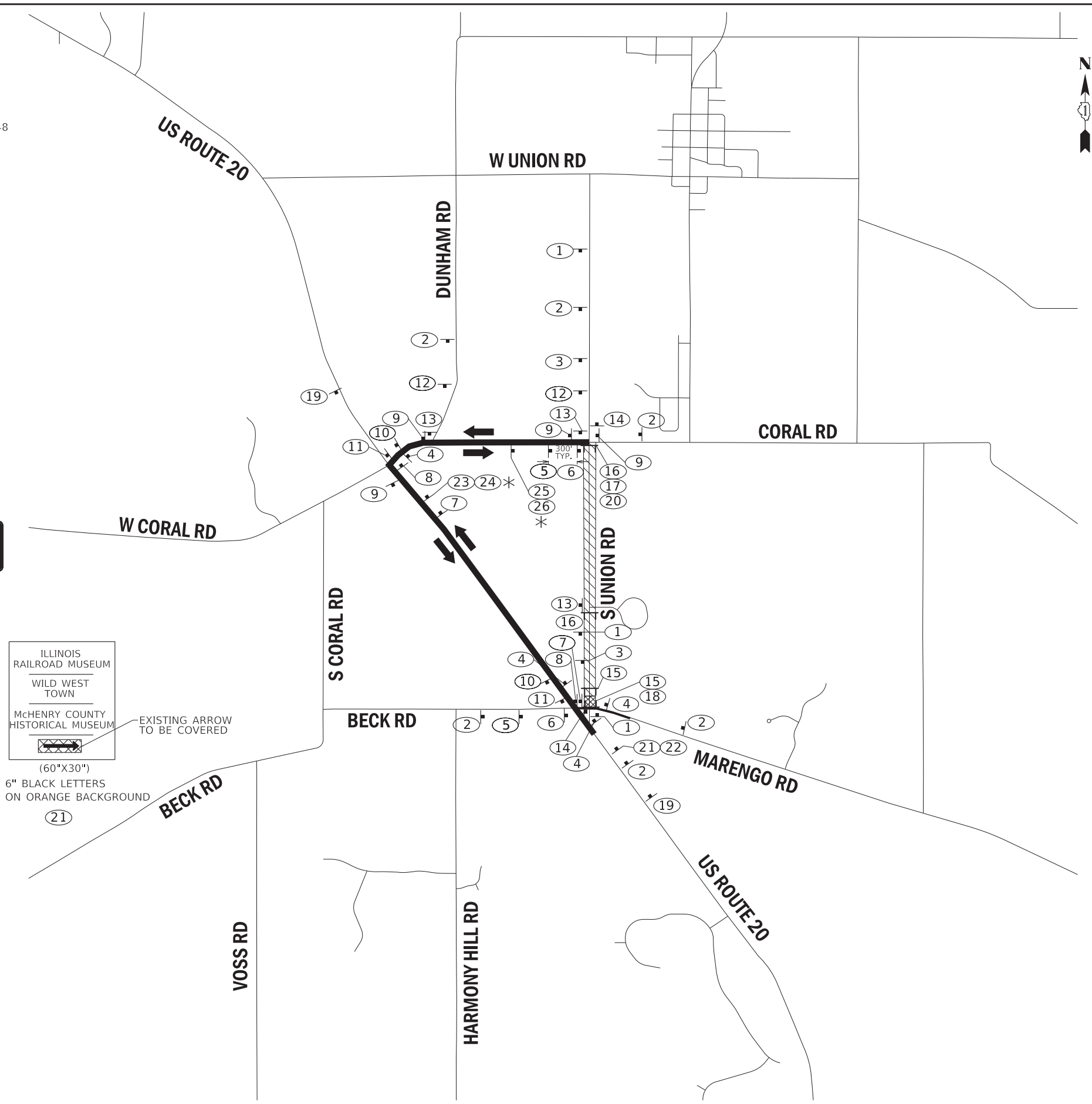
SCALE: NTS SHEET 19 OF 20 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	110
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



- LEGEND**
- DIRECTION OF TRAFFIC
 - SIGN
 - TYPE III BARRICADE
 - DETOUR ROUTE
 - ROAD CLOSURE
 - ROAD CLOSED TO THROUGH TRAFFIC

* EXISTING SIGN TO BE COVERED



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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED - REW	REVISED -
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	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-MOT_DetourUnion.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC
DETOUR ROUTE - S UNION RD

SCALE: NTS SHEET 20 OF 20 SHEETS STA. TO STA.

F.A.P. RTE. 525	SECTION 2016-092B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 111
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION

STAGE 1

1. MAINTAIN TWO-WAY TRAFFIC FLOW ON US 20.
2. THE FOLLOWING SHALL BE PERFORMED USING STANDARD 701006 FOR OFF-ROAD OPERATIONS AND STANDARD 701336 FOR DAY TIME LANE CLOSURES AS NEEDED.
 - A. UTILITY ADJUSTMENTS ALONG BOTH SIDES OF US 20, CORAL ROAD AND UNION ROAD.
 - B. CONSTRUCT TEMPORARY STORM SEWER, STORM SEWER LATERALS, PIPE CULVERTS, PATCHES, STRUCTURES, AND DITCHES FOR TEMPORARY DRAINAGE ALONG THE EAST SIDE OF US 20.
 - C. CONSTRUCT APPLICABLE PROPOSED STORM SEWER OR PIPE CULVERT LATERALS WITH PROPOSED OR TEMPORARY STRUCTURES. LATERALS AND STRUCTURES SHALL BE PLACED AT AN ELEVATION AS NECESSARY FOR POSITIVE TEMPORARY DRAINAGE. STRUCTURES NOT BEING USED FOR TEMPORARY DRAINAGE MAY BE CAPPED BELOW RIM ELEVATIONS. REMOVAL OR ADJUSTMENTS OF STRUCTURES WILL BE COMPLETED IN THE APPROPRIATE STAGE.
 - D. CONSTRUCT TEMPORARY PAVEMENT ON EAST SIDE OF US 20.

STAGE 2A

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF US 20 AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER, AGGREGATE SHOULDER AND GUARDRAIL ALONG THE WEST SIDE OF US 20.
3. INSTALL PIPE CULVERTS, CULVERT EXTENSIONS AND DRAINAGE STRUCTURES ALONG THE WEST SIDE OF US 20.
4. CONSTRUCT PAVEMENT WIDENING, PAVED SHOULDER, CURB AND GUTTER, AND TEMPORARY PAVEMENT ALONG THE WEST SIDE OF US 20. RUMBLE STRIPS SHALL NOT BE INSTALLED ALONG THE WEST SIDE OF US 20 PRIOR TO STAGE 3.
5. PLACE PERMANENT SEEDING ON WEST SIDE OF ROADWAY.

SUBSTAGE 2A-A (CORAL RD)

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF CORAL ROAD, SOUTH OF US ROUTE 20 AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER AND AGGREGATE SHOULDER ALONG THE WEST SIDE OF CORAL ROAD.
3. CONSTRUCT PAVEMENT WIDENING AND PAVED SHOULDER ALONG THE WEST SIDE OF CORAL ROAD.
4. PLACE PERMANENT TOPSOIL AND SEEDING ON WEST SIDE OF ROADWAY.

SUBSTAGE 2A-B (CORAL RD)

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE WEST SIDE OF CORAL ROAD, SOUTH OF US ROUTE 20 AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER AND AGGREGATE SHOULDER ALONG THE EAST SIDE OF CORAL ROAD.
3. CONSTRUCT PAVEMENT WIDENING AND PAVED SHOULDER ALONG THE EAST SIDE OF CORAL ROAD.
4. PLACE PERMANENT TOPSOIL AND SEEDING ON EAST SIDE OF ROADWAY.

STAGE 2B

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE WEST SIDE OF US 20 AND ALONG WEST UNION ROAD AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER, AGGREGATE SHOULDER, TEMPORARY PAVEMENT AND GUARDRAIL ALONG THE EAST SIDE OF US 20 AND ALONG WEST UNION ROAD.
3. INSTALL PIPE CULVERTS, CULVERT EXTENSIONS AND DRAINAGE STRUCTURES ALONG THE EAST SIDE OF US 20 AND ALONG WEST UNION ROAD.
4. CONSTRUCT PAVEMENT WIDENING, PAVED SHOULDER WITH RUMBLE STRIPS, CURB AND GUTTER AND GUARDRAIL ALONG THE EAST SIDE OF US 20 AND ALONG WEST UNION ROAD.
5. PLACE PERMANENT TOPSOIL AND SEEDING ON EAST SIDE OF ROADWAY AND ALONG WEST UNION ROAD.

SUBSTAGE 2B-A (CORAL RD)

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE WEST SIDE OF CORAL ROAD, NORTH OF US ROUTE 20 AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER AND AGGREGATE SHOULDER ALONG THE EAST SIDE OF CORAL ROAD.
3. CONSTRUCT PAVEMENT WIDENING AND PAVED SHOULDER ALONG THE EAST SIDE OF CORAL ROAD.
4. PLACE PERMANENT TOPSOIL AND SEEDING ON WEST SIDE OF ROADWAY.

SUBSTAGE 2B-B (CORAL RD)

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG THE EAST SIDE OF CORAL ROAD, NORTH OF US ROUTE 20 AS SHOWN ON THE PLANS.
2. REMOVE EXISTING PAVED SHOULDER AND AGGREGATE SHOULDER ALONG THE WEST SIDE OF CORAL ROAD.
3. CONSTRUCT PAVEMENT WIDENING AND PAVED SHOULDER ALONG THE WEST SIDE OF CORAL ROAD.
4. PLACE PERMANENT TOPSOIL AND SEEDING ON EAST SIDE OF ROADWAY.

STAGE 2C

1. ESTABLISH TWO-WAY TRAFFIC FLOW ALONG US ROUTE 20 AS SHOWN ON THE PLANS.
2. REMOVE AND REPLACE 5'-0" BY 6'-0" DETERIORATED TOP SLAB OF EXISTING CULVERT AT STATION 227+62.

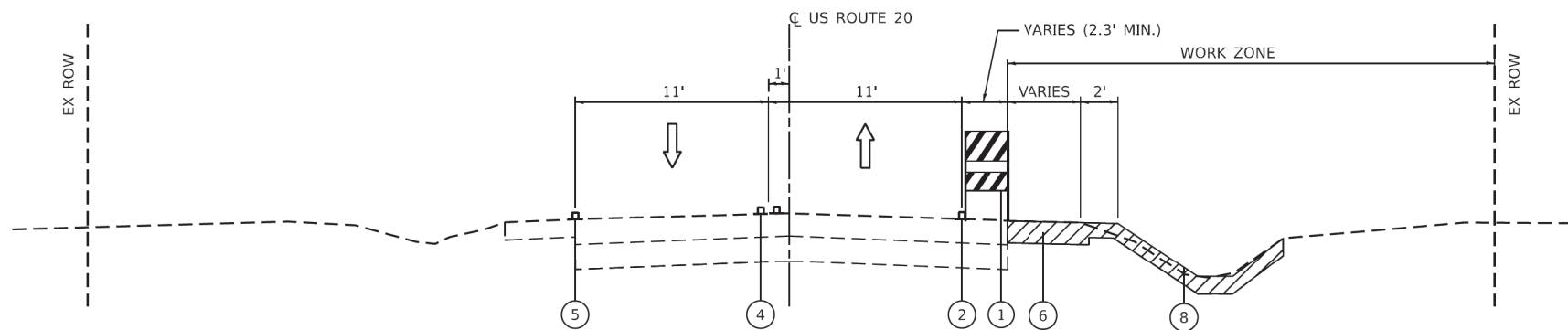
STAGE 3

1. USING STANDARD 701336 INSTALL HMA SURFACE ALONG US 20, CORAL ROAD AND UNION ROAD DURING ALLOWABLE HOURS.
2. INSTALL RUMBLE STRIPS ALONG THE EAST & WEST SIDE OF US 20.
3. PLACE PERMANENT PAVEMENT MARKINGS AND SIGNING.
4. COMPLETE LANDSCAPING.

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	USER NAME = RGal	DESIGNED - KW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	US ROUTE 20 AT CORAL ROAD & WEST UNION ROAD MAINTENANCE OF TRAFFIC - STAGING NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 12/2/2019	DATE - 12/2/2019	REVISED -			CONTRACT NO. 62D36				
					SCALE: NTS	SHEET 1	OF 1	SHEETS	STA.	TO STA.
					ILLINOIS			FED. AID PROJECT	GMW(759)	










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US ROUTE 20 - STAGE 1

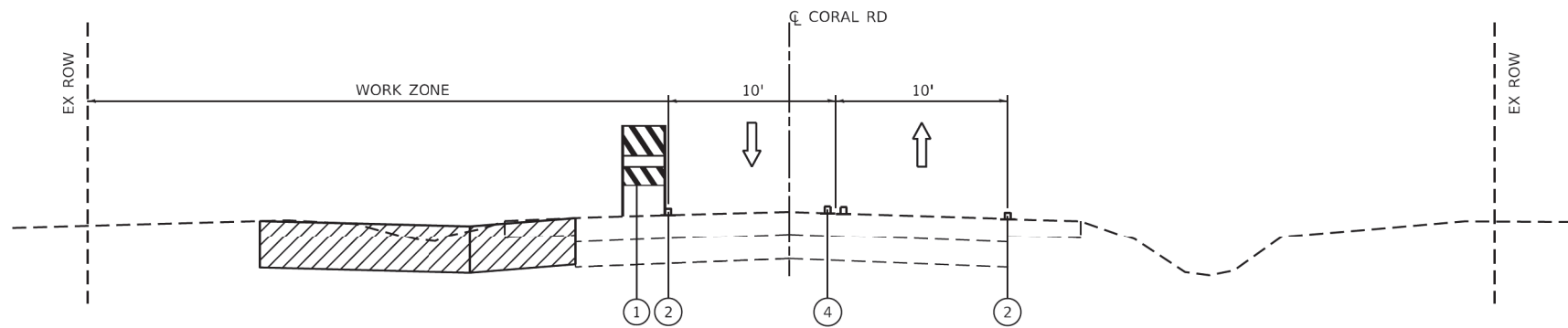
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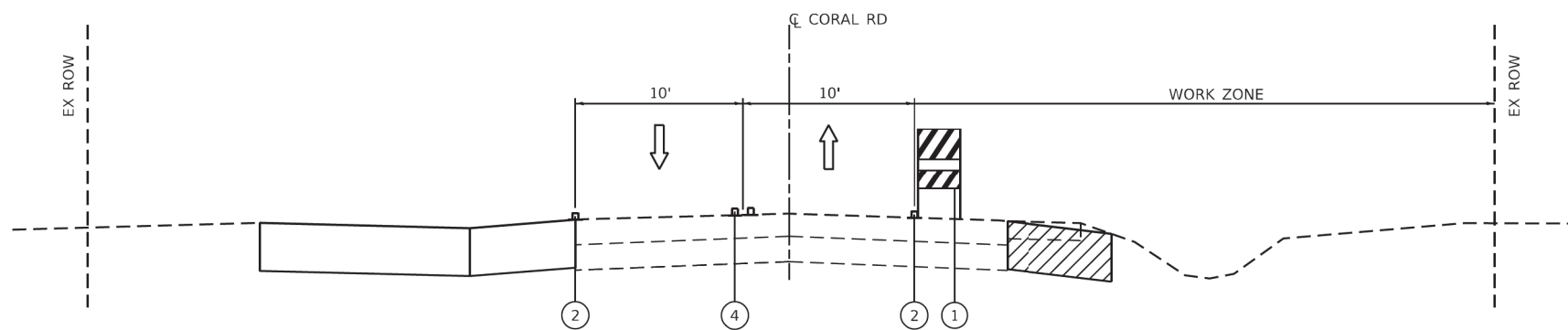
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-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4" WHITE
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4" YELLOW
-  PAVEMENT MARKING TAPE, TYPE IV - LINE 4" YELLOW (DOUBLE) @ 11" C-C
-  EXISTING PAVEMENT MARKING
-  TEMPORARY PAVEMENT, 10" AND SUBBASE GRANULAR MATERIAL, TYPE B 4" (CA-6)
-  TEMPORARY CONCRETE BARRIER WALL
-  TEMPORARY EROSION CONTROL SEEDING

USER NAME = RGal	DESIGNED - KW	REVISED -
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PLOT DATE = 12/2/2019	DATE - 12/2/2019	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D36	
GMW(759)				




CORAL ROAD - SUBSTAGE 2A-A & 2B-B



CORAL ROAD - SUBSTAGE 2A-B & 2B-A

LEGEND

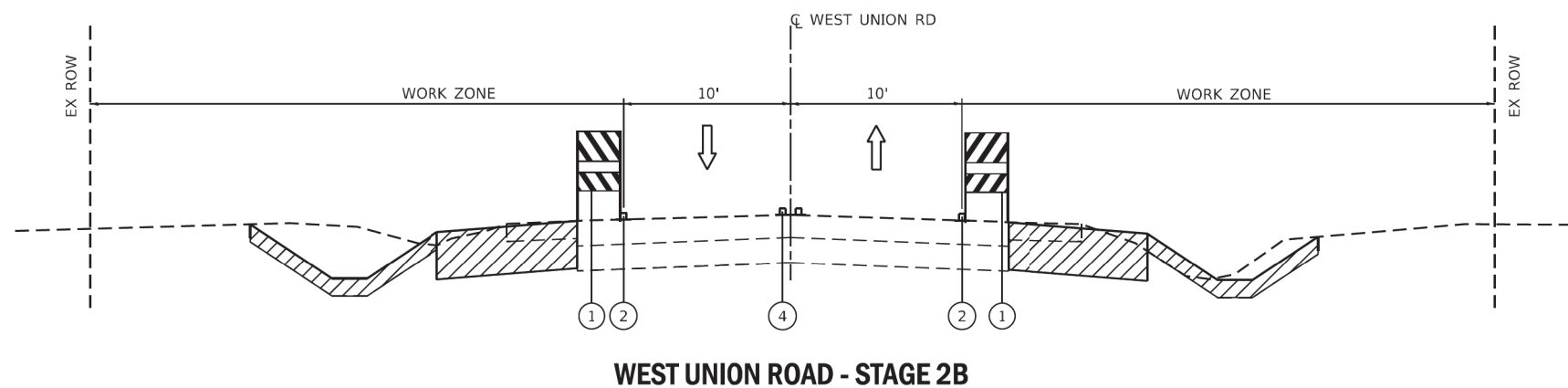
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- ② PAVEMENT MARKING TAPE, TYPE IV - LINE 4" WHITE
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- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE 4" YELLOW (DOUBLE) @ 11" C-C
- ⑤ EXISTING PAVEMENT MARKING
- ⑥ TEMPORARY PAVEMENT, 10" AND SUBBASE GRANULAR MATERIAL, TYPE B 4" (CA-6)
- ⑦ TEMPORARY CONCRETE BARRIER WALL
- ⑧ TEMPORARY EROSION CONTROL SEEDING

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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WEST UNION ROAD - STAGE 2B

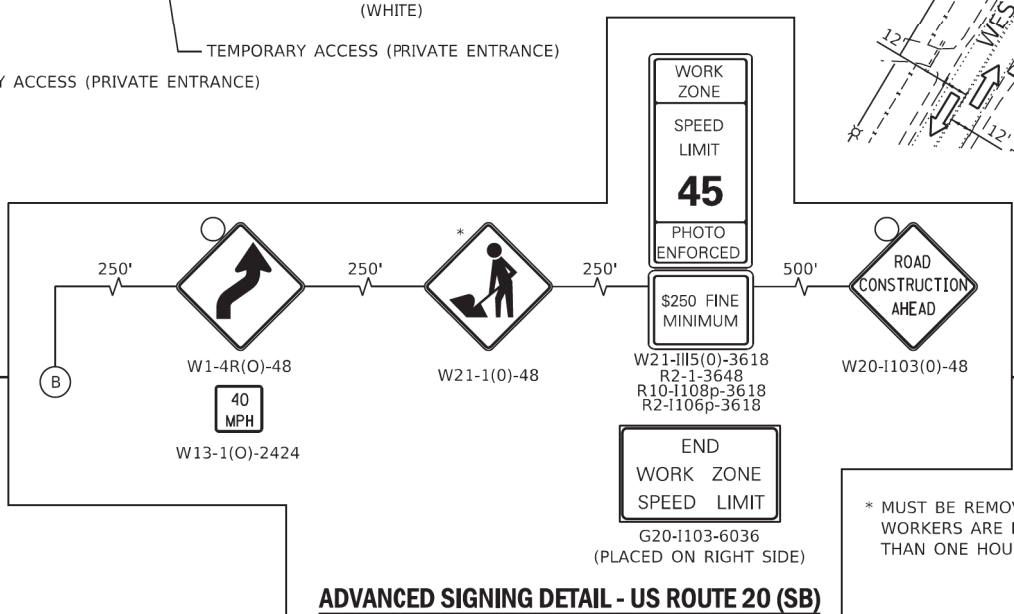
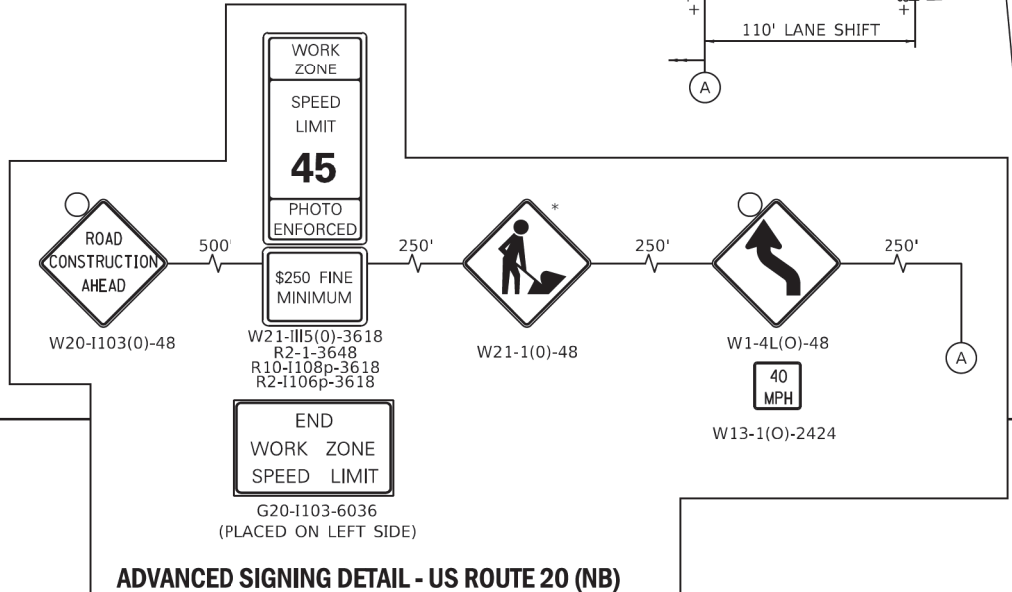
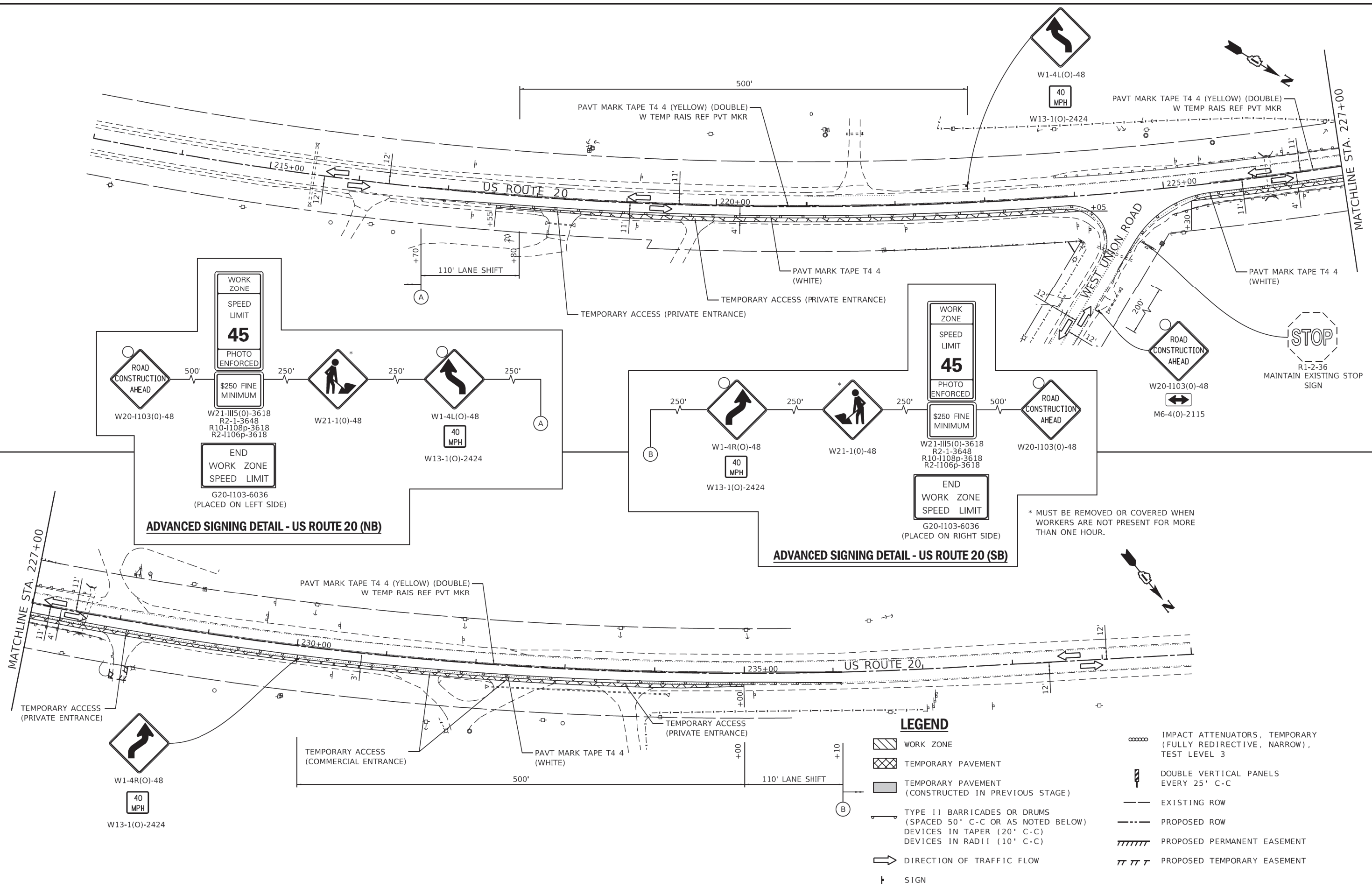
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-  WORK ZONE
- ① TYPE II BARRICADE OR VERTICAL PANEL
- ② PAVEMENT MARKING TAPE, TYPE IV - LINE 4" WHITE
- ③ PAVEMENT MARKING TAPE, TYPE IV - LINE 4" YELLOW
- ④ PAVEMENT MARKING TAPE, TYPE IV - LINE 4" YELLOW (DOUBLE) @ 11" C-C
- ⑤ EXISTING PAVEMENT MARKING
- ⑥ TEMPORARY PAVEMENT, 10" AND SUBBASE GRANULAR MATERIAL, TYPE B 4" (CA-6)
- ⑦ TEMPORARY CONCRETE BARRIER WALL
- ⑧ TEMPORARY EROSION CONTROL SEEDING

USER NAME = RGal	DESIGNED - KW	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62D36	
GMW(759)				

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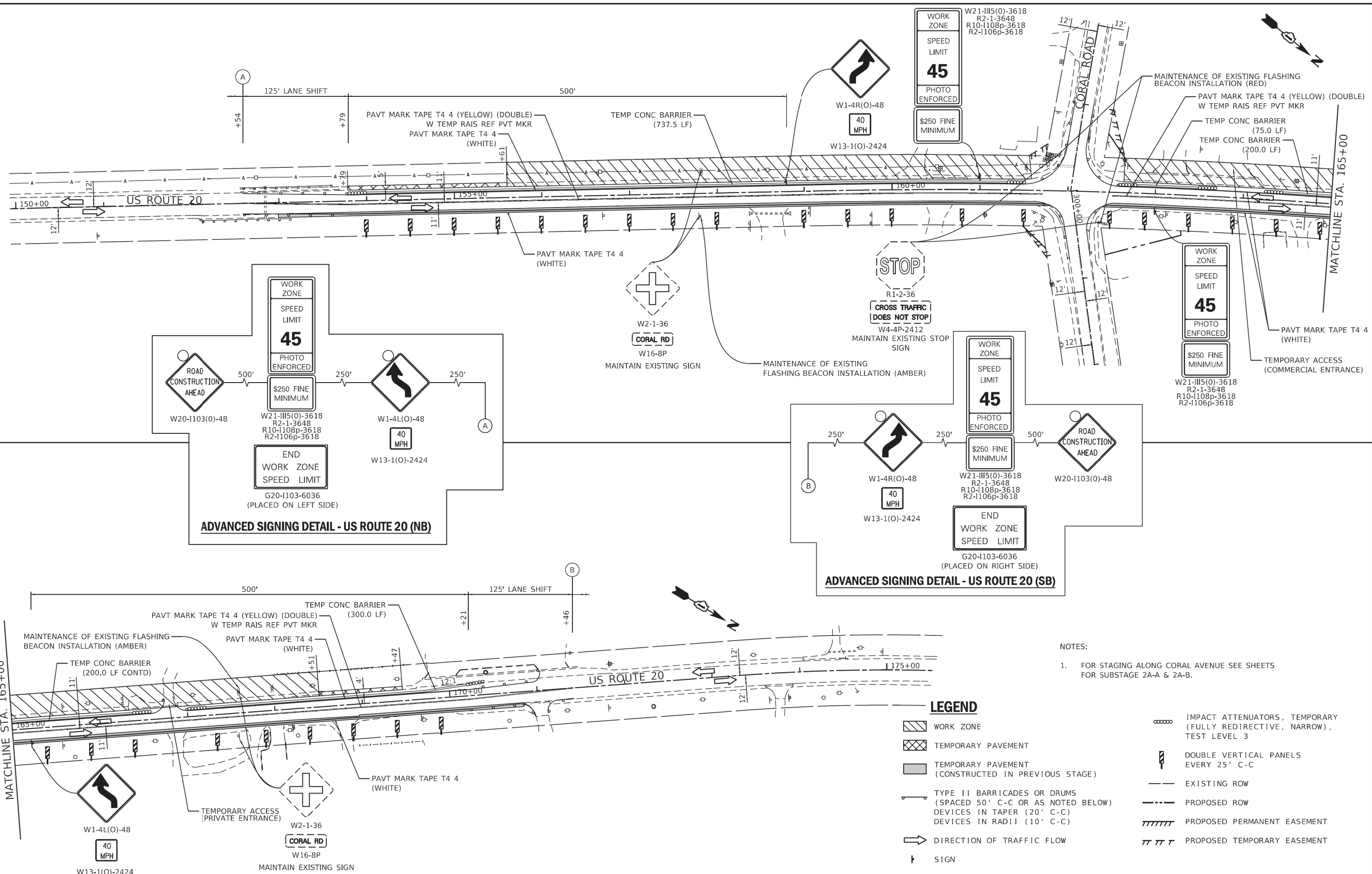
LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADIUS (10' C-C)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

USER NAME = RGal	DESIGNED - KW	REVISED -
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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- NOTES:
- FOR STAGING ALONG CORAL AVENUE SEE SHEETS FOR SUBSTAGE 2A-A & 2A-B.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADIUS (10' C-C)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

EFK•Moen
 Civil Engineering Design

USER NAME = RGal	DESIGNED - KW	REVISED -
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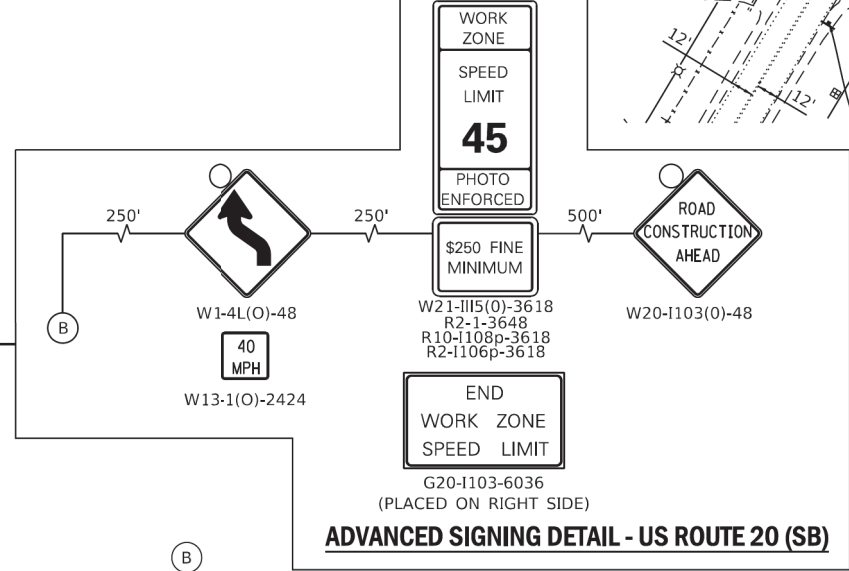
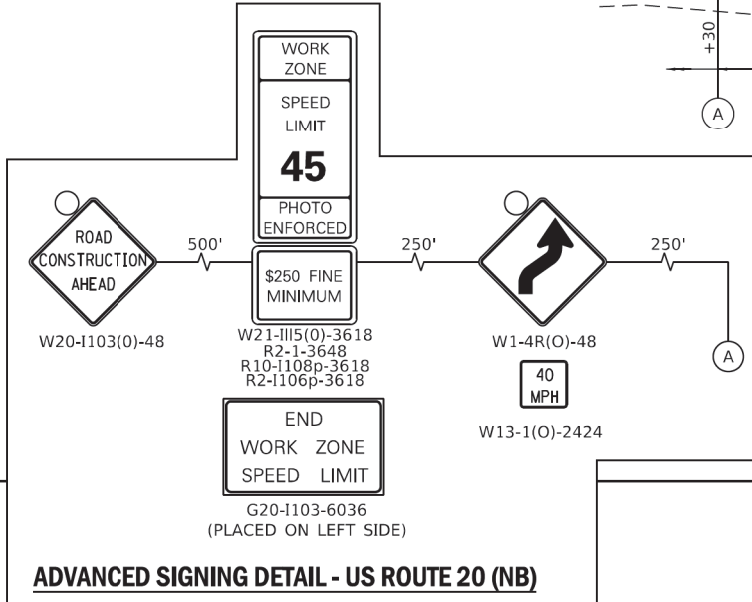
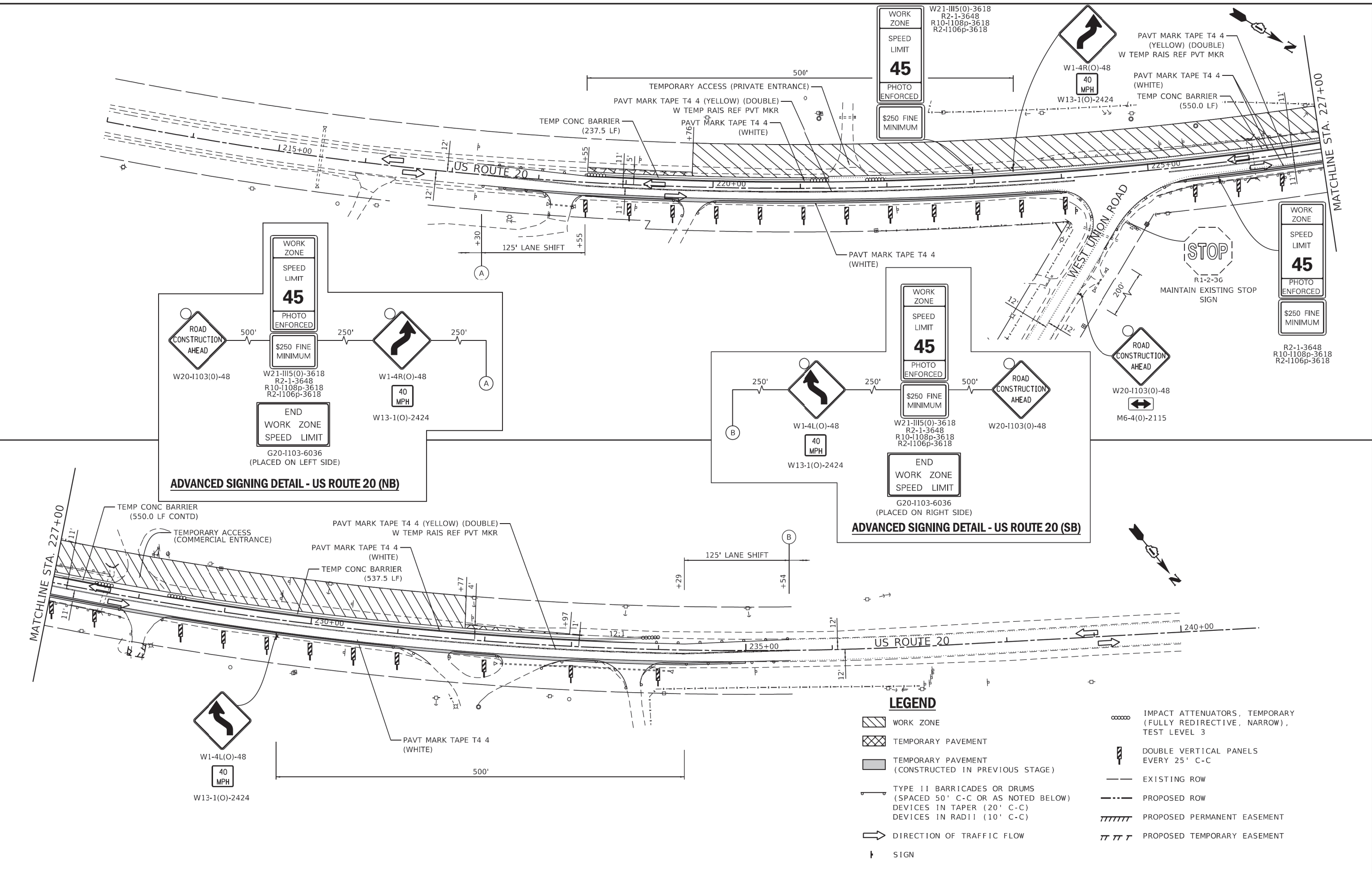
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

US ROUTE 20 AT CORAL ROAD
 MAINTENANCE OF TRAFFIC - STAGE 2A PLANS

SCALE: 1"=50' SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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LEGEND

	WORK ZONE		IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
	TEMPORARY PAVEMENT		DOUBLE VERTICAL PANELS EVERY 25' C-C
	TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)		EXISTING ROW
	TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADI (10' C-C)		PROPOSED ROW
	DIRECTION OF TRAFFIC FLOW		PROPOSED PERMANENT EASEMENT
	SIGN		PROPOSED TEMPORARY EASEMENT

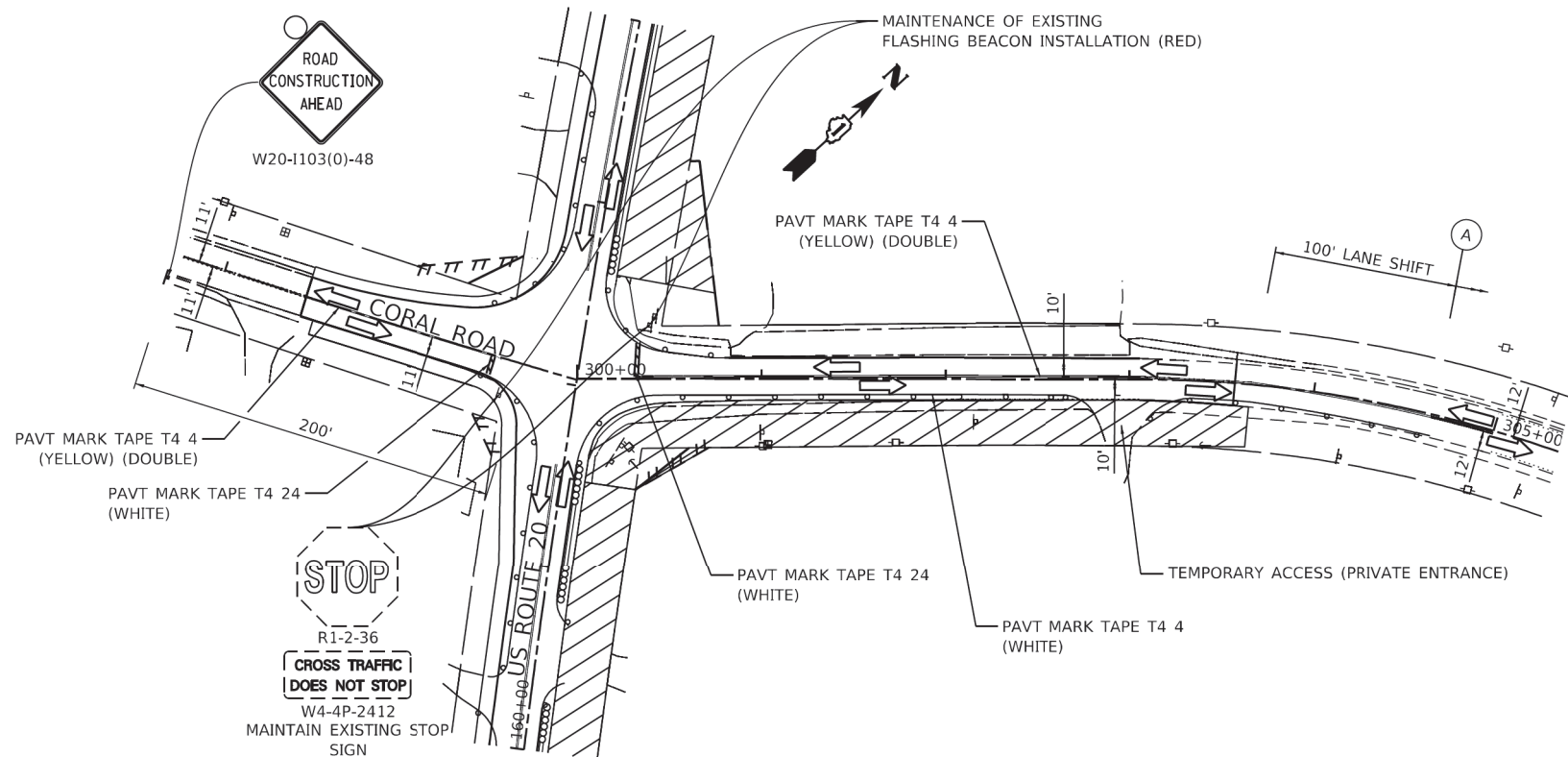
EFK•Moen
 Civil Engineering Design

USER NAME = RGal	DESIGNED - KW	REVISED -
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

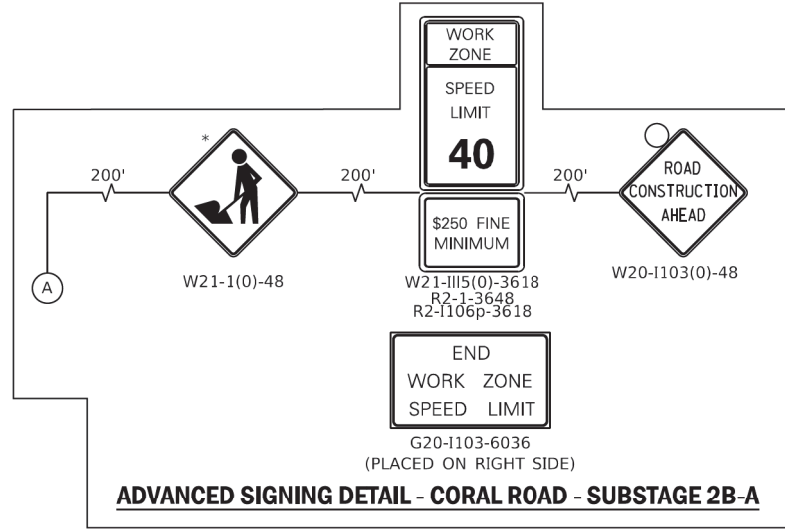
US ROUTE 20 AT WEST UNION ROAD
 MAINTENANCE OF TRAFFIC - STAGE 2A PLANS
 SCALE: 1"=50'
 SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GMW(759)				



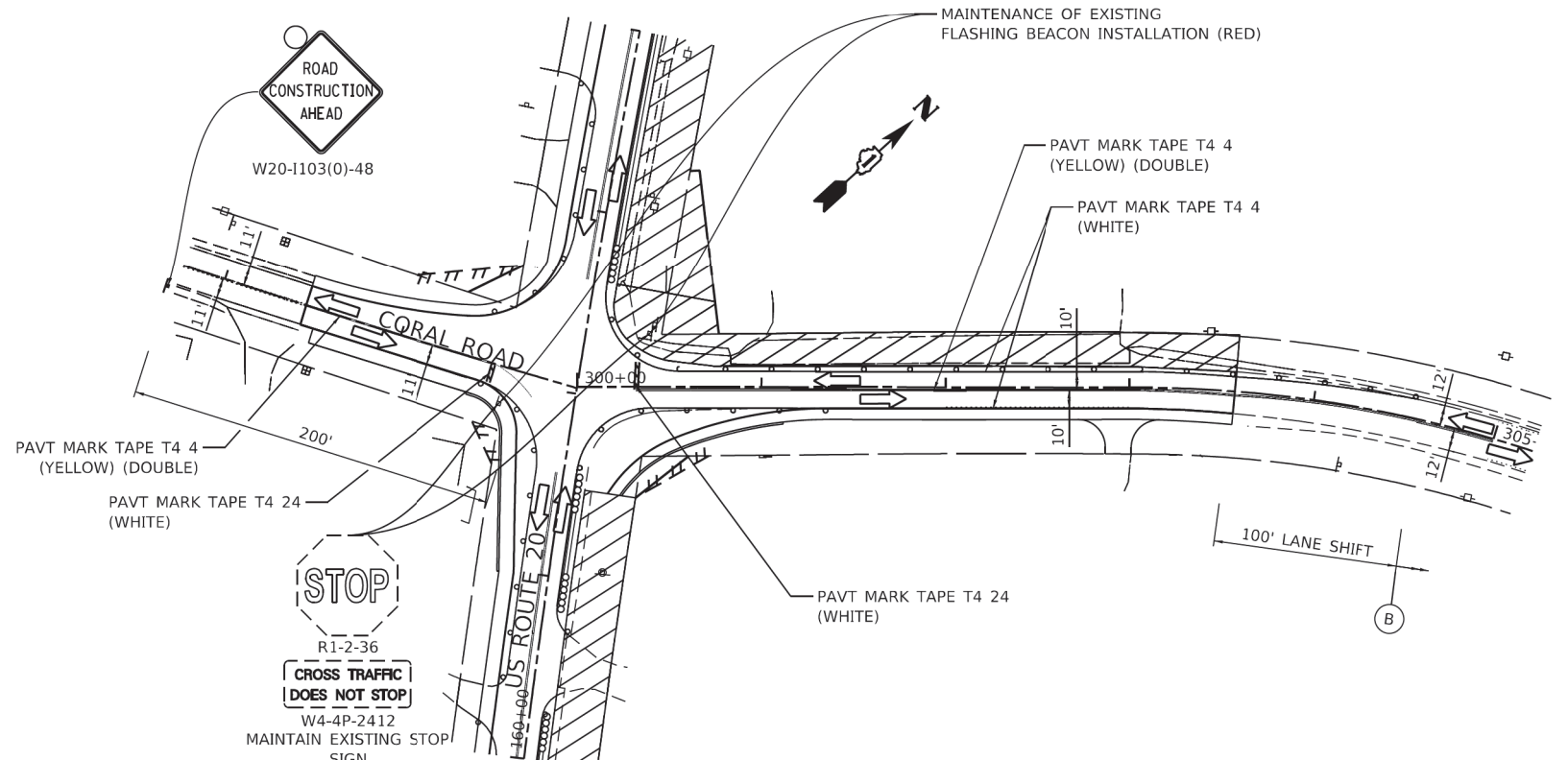
SUBSTAGE 2B-A

- NOTES:
1. FOR STAGING AND ADVANCED SIGNING ALONG US ROUTE 20 SEE PREVIOUS SHEET.



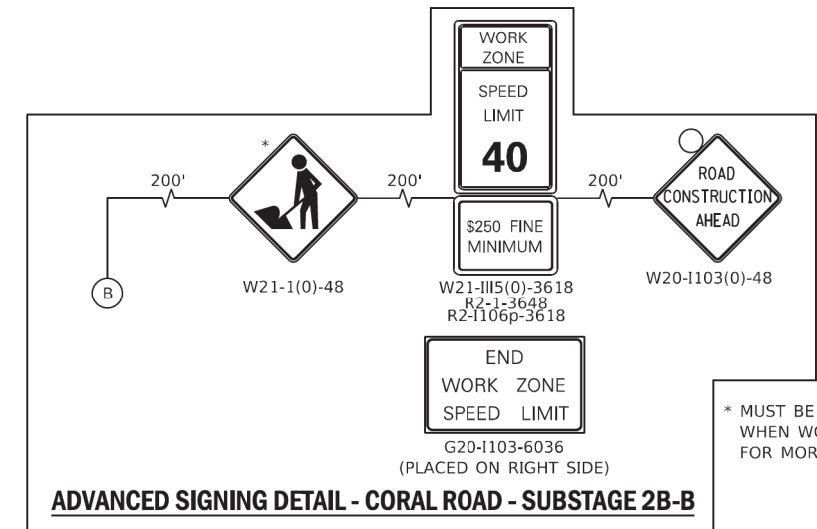
ADVANCED SIGNING DETAIL - CORAL ROAD - SUBSTAGE 2B-A

* MUST BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.



SUBSTAGE 2B-B

- NOTES:
1. FOR STAGING AND ADVANCED SIGNING ALONG US ROUTE 20 SEE PREVIOUS SHEET.



ADVANCED SIGNING DETAIL - CORAL ROAD - SUBSTAGE 2B-B

* MUST BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

LEGEND

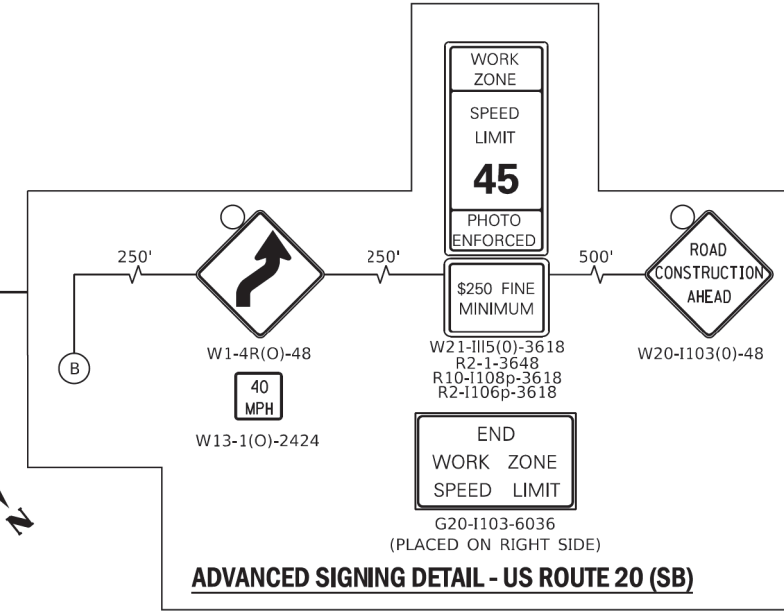
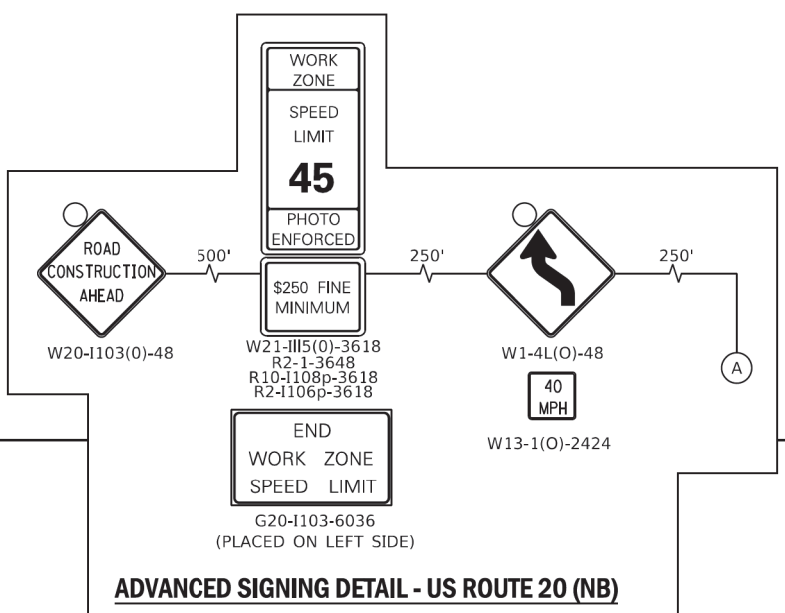
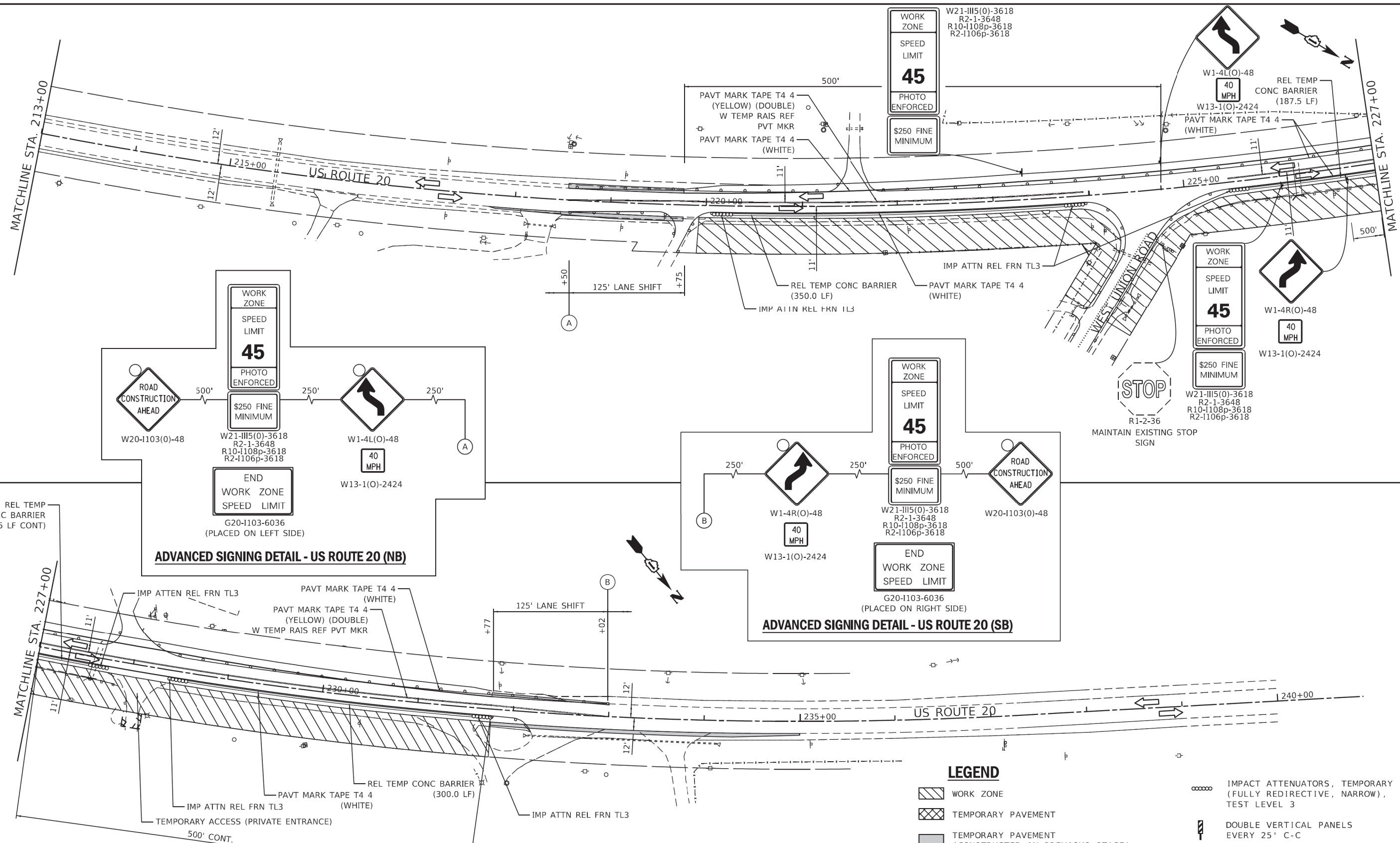
- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	123
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GMW(759)				

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ADVANCED SIGNING DETAIL - US ROUTE 20 (NB)

ADVANCED SIGNING DETAIL - US ROUTE 20 (SB)

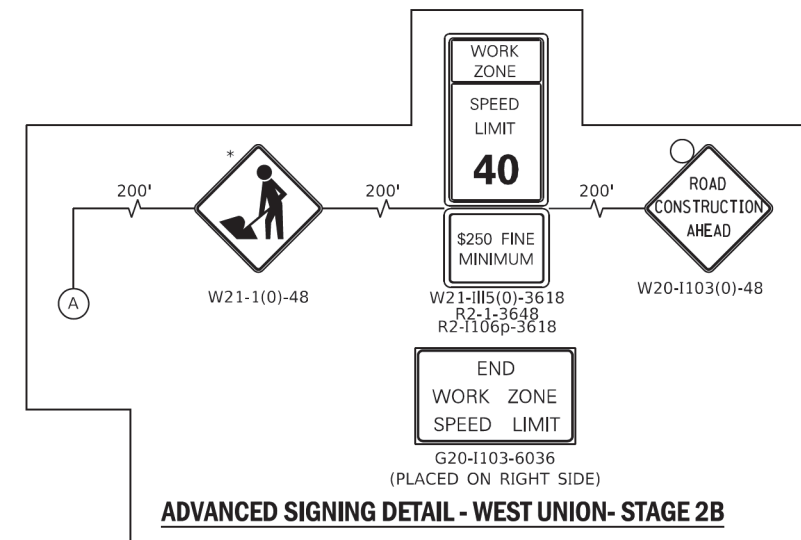
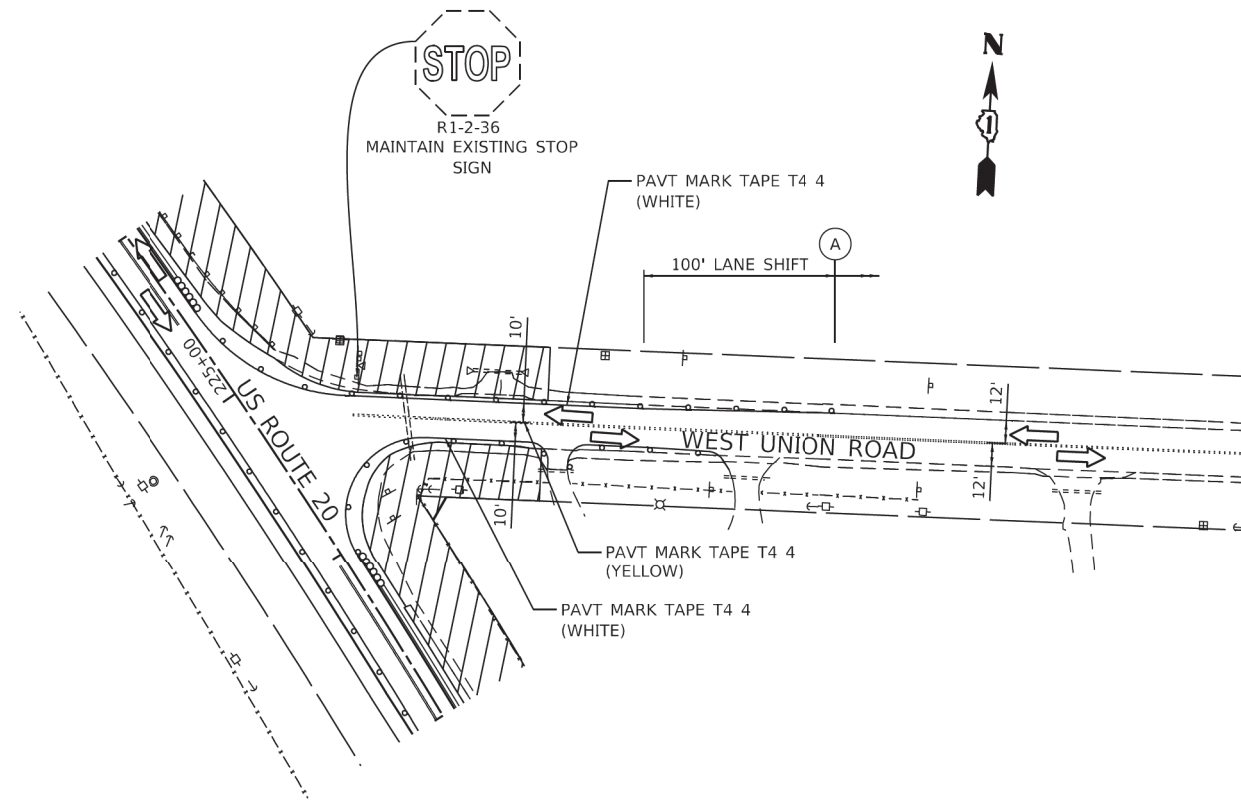
- NOTES:
- FOR STAGING AND ADVANCED SIGNING ALONG WEST UNION ROAD SEE FOLLOWING SHEET.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

USER NAME = RGal	DESIGNED - KW	REVISED -
	DRAWN - KW	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED - RG	REVISED -
PLOT DATE = 12/2/2019	DATE - 12/2/2019	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	124
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GMW(759)				



* MUST BE REMOVED OR COVERED WHEN WORKERS ARE NOT PRESENT FOR MORE THAN ONE HOUR.

- NOTES:
- FOR STAGING AND ADVANCED SIGNING ALONG US ROUTE 20 SEE PREVIOUS SHEET.

LEGEND

- WORK ZONE
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- TYPE II BARRICADES OR DRUMS (SPACED 50' C-C OR AS NOTED BELOW) DEVICES IN TAPER (20' C-C) DEVICES IN RADII (10' C-C)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3
- DOUBLE VERTICAL PANELS EVERY 25' C-C
- EXISTING ROW
- PROPOSED ROW
- PROPOSED PERMANENT EASEMENT
- PROPOSED TEMPORARY EASEMENT

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PLOT DATE = 12/2/2019	DATE - 12/2/2019	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GMW(759)				

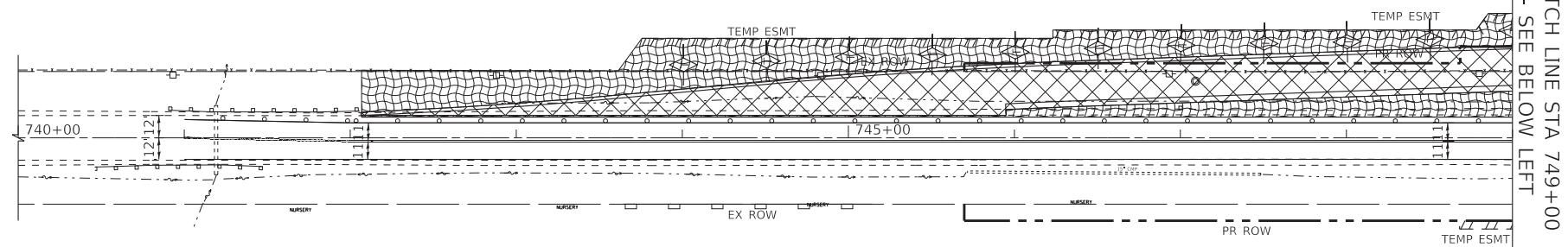
EROSION CONTROL GENERAL NOTES

1. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES SHALL CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY OR PERMANENT MEASURES.
2. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
3. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES IMMEDIATELY AFTER DISTURBANCE, OR REDISTURBANCE.
4. AREAS OR EMBANKMENTS HAVING SLOPES GREATER THAN OR EQUAL TO 3H:1V, AND APPROVED BY THE ENFORCEMENT OFFICER, SHALL BE STABILIZED WITH MAT OR BLANKET IN COMBINATION WITH SEEDING.
5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION IS ACHIEVED OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
6. ALL TEMPORARY AND PERMANENT EROSION CONTROL MEASURES MUST BE MAINTAINED AND REPAIRED AS NEEDED. THE CONTRACTOR SHALL BE ULTIMATELY RESPONSIBLE FOR MAINTENANCE AND REPAIR OF EROSION CONTROL MEASURES.
7. IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DISCHARGE LOCATIONS SHALL BE PROTECTED FROM EROSION. DISCHARGES SHALL BE ROUTED THROUGH AN EFFECTIVE SEDIMENT CONTROL MEASURE (E.G. SEDIMENT TRAP, SEDIMENT BASIN, OR OTHER APPROPRIATE MEASURE). DEWATERING DIRECTLY INTO STREAMS, WETLANDS, FIELD TILES OR STORM WATER STRUCTURES IS PROHIBITED. IF ADJOINING PROPERTIES ARE TO BE USED, APPROPRIATE EASEMENT SHALL BE ATTAINED IN ADVANCE, AND ASSURANCES TO BE MADE THAT NO FLOODPLAIN, FLOODWAY, OR WETLAND WILL BE AFFECTED.
8. THE EROSION CONTROL MEASURES INDICATED ON THE PLANS ARE THE MINIMUM REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE MCHENRY-LAKE COUNTY SWCD, ENGINEER, OR LOCAL AGENCY.
9. THE CONTRACTOR SHALL ARRANGE A PRE-CONSTRUCTION MEETING WITH MCHENRY-LAKE COUNTY SWCD AND OTHER INTERESTED REGULATORY AGENCIES AND OFFICIALS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS FROM THE U.S. ARMY CORPS OF ENGINEERS, MCHENRY-LAKE COUNTY SOIL AND WATER CONSERVATION DISTRICT, ILLINOIS DEPARTMENT OF NATURAL RESOURCES, AND ILLINOIS DEPARTMENT OF TRANSPORTATION.
11. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE CONSTRUCTED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS IN THE ILLINOIS URBAN MANUAL LATEST EDITION.
12. THE CONTRACTOR SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24 HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE CONTRACTOR AFTER EACH SIGNIFICANT SNOWMELT.
13. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS.
14. WORK MAY NOT BE PERFORMED IN THE WATER, EXCEPT FOR THE PLACEMENT OF MATERIALS NECESSARY FOR THE CONSTRUCTION OF COFFERDAMS. ALL MATERIALS FOR COFFERDAMS AND ANY FILLS USED MUST BE NON-ERODIBLE. LOW GROUND-PRESSURE EQUIPMENT IS REQUIRED FOR WORK IN WETLANDS. LUMBER TO BE USED FOR TEMPORARY CONSTRUCTION ACTIVITIES MUST BE FREE OF ALL CHEMICAL TREATMENT. THE COFFERDAMS MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER THE WATER AT ANY TIME. ONCE THE COFFERDAMS ARE IN PLACE AND ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
15. IF BYPASS PUMPING IS NECESSARY, THE PUMP SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM BEING SUCKED INTO THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NON-ERODIBLE, ENERGY DISSIPATING SURFACE (ROCK CHECK DAM, PLYWOOD, SHEET PILE, ETC.) PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION OF DOWNSTREAM AREAS. CLEANING OR FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.
16. DEWATERING MEASURES SHALL COMPLY WITH THE ILLINOIS URBAN MANUAL. DURING DEWATERING OF THE COFFERED AREA, THE WATER SHALL BE FILTERED TO REMOVE SEDIMENT PRIOR TO DISCHARGE TO THE STREAM. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. FILTRATION AREA SHALL BE PLACED ON A STABILIZED AREA OR DISCHARGE TO AN ENERGY DISSIPATING SURFACE PRIOR TO BEING RE-INTRODUCED TO DOWNSTREAM WATERWAY. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY. THE DISCHARGE FROM THE DEWATERING DEVICE SHALL NOT CAUSE EROSION.
17. PRIOR TO COMMENCING LAND-DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING BUT NOT LIMITED TO, ADDITIONAL PHASES OF DEVELOPMENT AND OFF-SITE BORROW OR WASTE AREAS) A SUPPLEMENTARY EROSION CONTROL PLAN SHALL BE SUBMITTED FOR REVIEW BY THE MCHENRY-LAKE COUNTY SWCD.
18. EXCEPT WHERE SHOWN OTHERWISE ON THE PLANS, THE SIDE SLOPES MUST BE RESEDED AND STABILIZED IMMEDIATELY AFTER FINAL GRADING WITH AN APPROPRIATE EROSION CONTROL BLANKET PRIOR TO ACCEPTING FLOWS. THE BOTTOM OF THE CHANNEL MUST BE BROUGHT BACK TO ITS ORIGINAL GRADE AND STABLE ENOUGH TO ACCEPT FLOWS.
19. THE PORTION OF THE SIDE SLOPE THAT IS ABOVE THE OBSERVED WATER ELEVATION SHALL BE STABILIZED AS SPECIFIED IN THE PLANS PRIOR TO ACCEPTING FLOWS. THE SUBSTRATE AND TOE OF SLOPE THAT HAS BEEN DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED OR PRE-CONSTRUCTION CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.
20. STOCKPILES OF SOIL AND OTHER BUILDING MATERIALS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS SHALL BE FURNISHED WITH EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
21. CONCRETE WASHOUT FACILITIES SHALL BE INSTALLED, OPERATED AND MAINTAINED IN ACCORDANCE WITH THE ILLINOIS URBAN MANUAL LATEST EDITION.
22. ALL ADJACENT ROADWAYS MUST BE KEPT CLEAR OF DEBRIS, INSPECTED DAILY AND CLEANED WHEN NECESSARY.
23. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.
24. FINAL ACCEPTANCE OF PROJECT WILL BE CONTINGENT ON RECORD DRAWING APPROVAL BY THE ENGINEER.
25. IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO INFORM ANY SUB-CONTRACTOR(S) WHO MAY PERFORM WORK ON THIS PROJECT, OF THE REQUIREMENTS IN IMPLEMENTING AND MAINTAINING THESE EROSION CONTROL PLANS, PERMITS, AND ASSURE COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
26. THE CONTRACTOR SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE CONTRACTOR SHALL NOT CAUSE OR PERMIT THE DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE DEVELOPMENT SITE, CHANNEL, WATERS OF THE U.S. OR ISOLATED WATERS OF MCHENRY COUNTY. THE CONTRACTOR SHALL MAINTAIN THE DEVELOPMENT SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
27. THIS PROJECT REQUIRES ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY IDOT, AS A CONDITION OF THIS PERMIT. THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO IDOT AND ARMY CORPS OF ENGINEERS (USACE) FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USAGE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE WORK FOR WHICH IT IS REQUIRED AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
28. DRAIN TILES WITHIN THE DISTURBED AREA OF THE PROJECT SHALL BE REPLACED, BYPASSED AROUND, OR INTERCEPTED AND CONNECTED TO THE STORM WATER MANAGEMENT SYSTEM FOR THE PROJECT, UNLESS THE DEVELOPMENT PLANS SPECIFY ABANDONMENT OF THE DRAIN TILES. THOSE RESPONSIBLE FOR THE DRAIN TILES DISTURBANCE DURING REGULATED DEVELOPMENT SHALL RECONNECT THE DRAIN TILES. ALL ABANDONED DRAIN TILES WITHIN DISTURBED AREAS SHALL BE REMOVED IN THEIR ENTIRETY.
29. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES-MAINTENANCE-GUIDE: (<http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control>)
30. THE CONTRACTOR SHALL PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
31. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCIDENTAL.
32. TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.
33. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEED AT ONE TIME.
34. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RE.
35. "WETLAND NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

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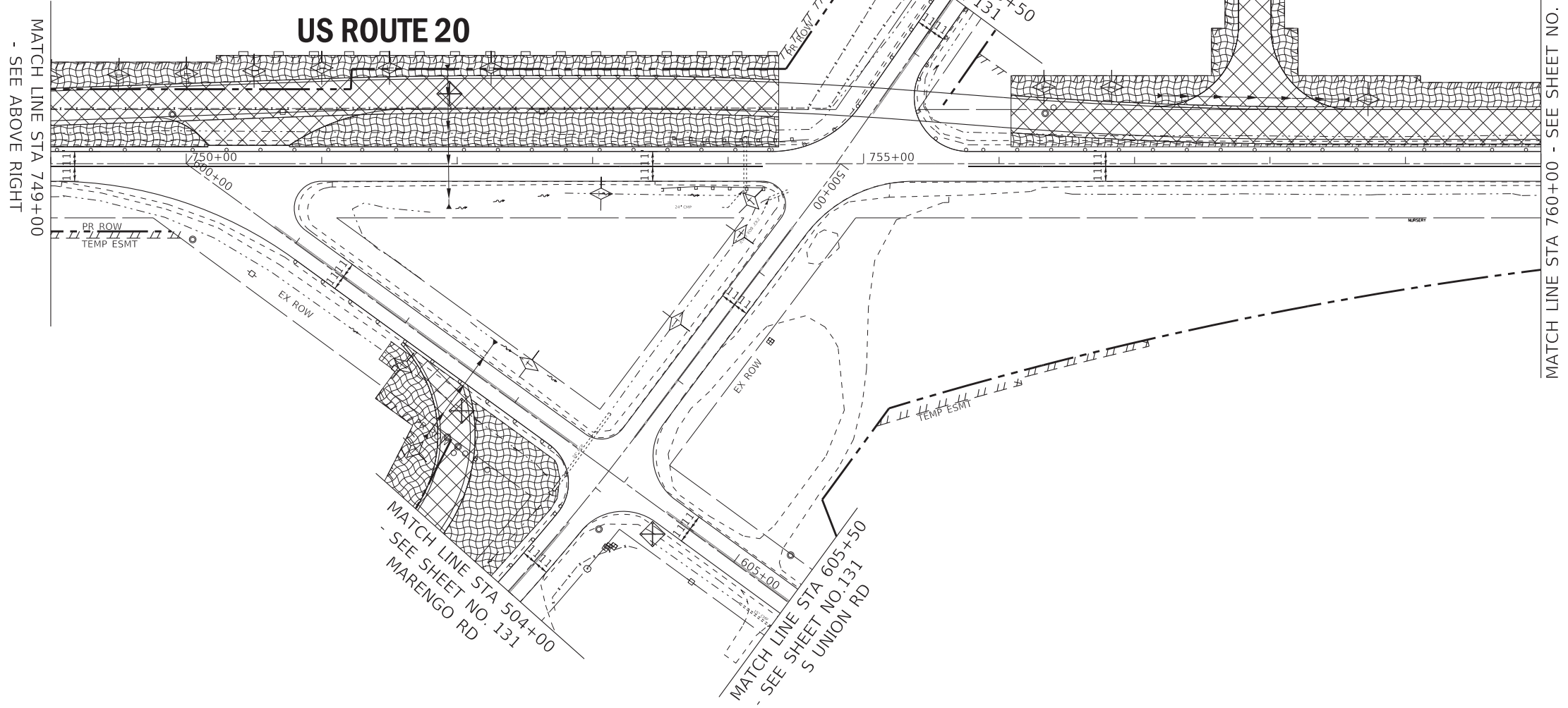
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	PLOT SCALE = 50.0000' / 1 in.	CHECKED - JFM	REVISED -			525	2016-092B&R	MCHENRY	329	128
	PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Eros_Notes.dgn		SCALE:	SHEET 1 OF 19 SHEETS STA. TO STA.		CONTRACT NO. 62D36		
						ILLINOIS		FED. AID PROJECT GWI(759)		

US ROUTE 20



STAGE 1A SCHEDULE OF QUANTITIES

INLET FILTERS	14 EA
TEMPORARY DITCH CHECK	540 FT
PERIMETER EROSION BARRIER	765 FT
TEMPORARY EROSION CONTROL BLANKET	16470 SQ YD
TEMPORARY EROSION CONTROL SEEDING	341 POUND



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

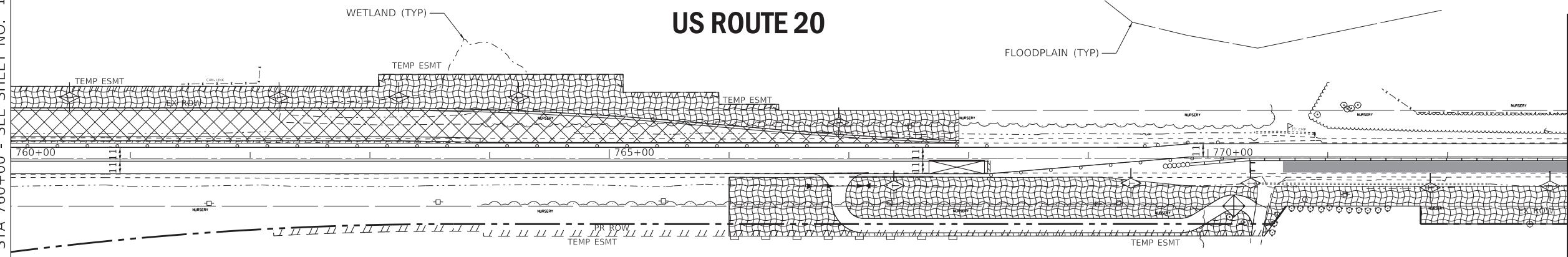
EROSION & SEDIMENT CONTROL - STAGE 1A PLAN		
US ROUTE 20		
SCALE: 1" = 50'	SHEET 2 OF 19 SHEETS	STA. 740+00 TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	129
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

MATCH LINE STA 760+00 - SEE SHEET NO. 129

MATCH LINE STA 773+00
- SEE BELOW LEFT

US ROUTE 20

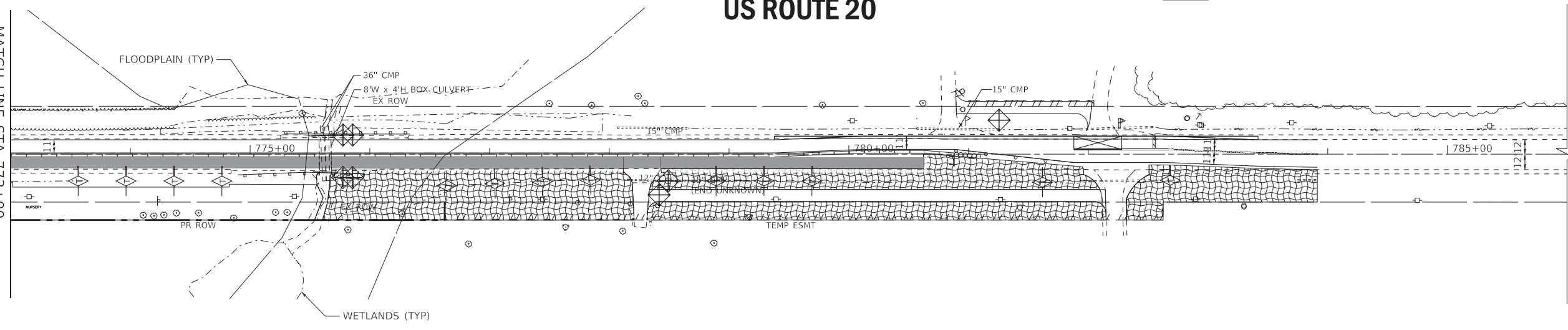


LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

MATCH LINE STA 773+00
- SEE ABOVE RIGHT

US ROUTE 20



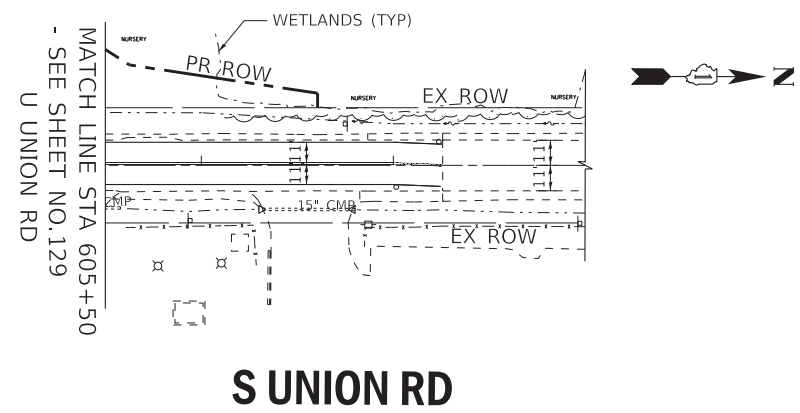
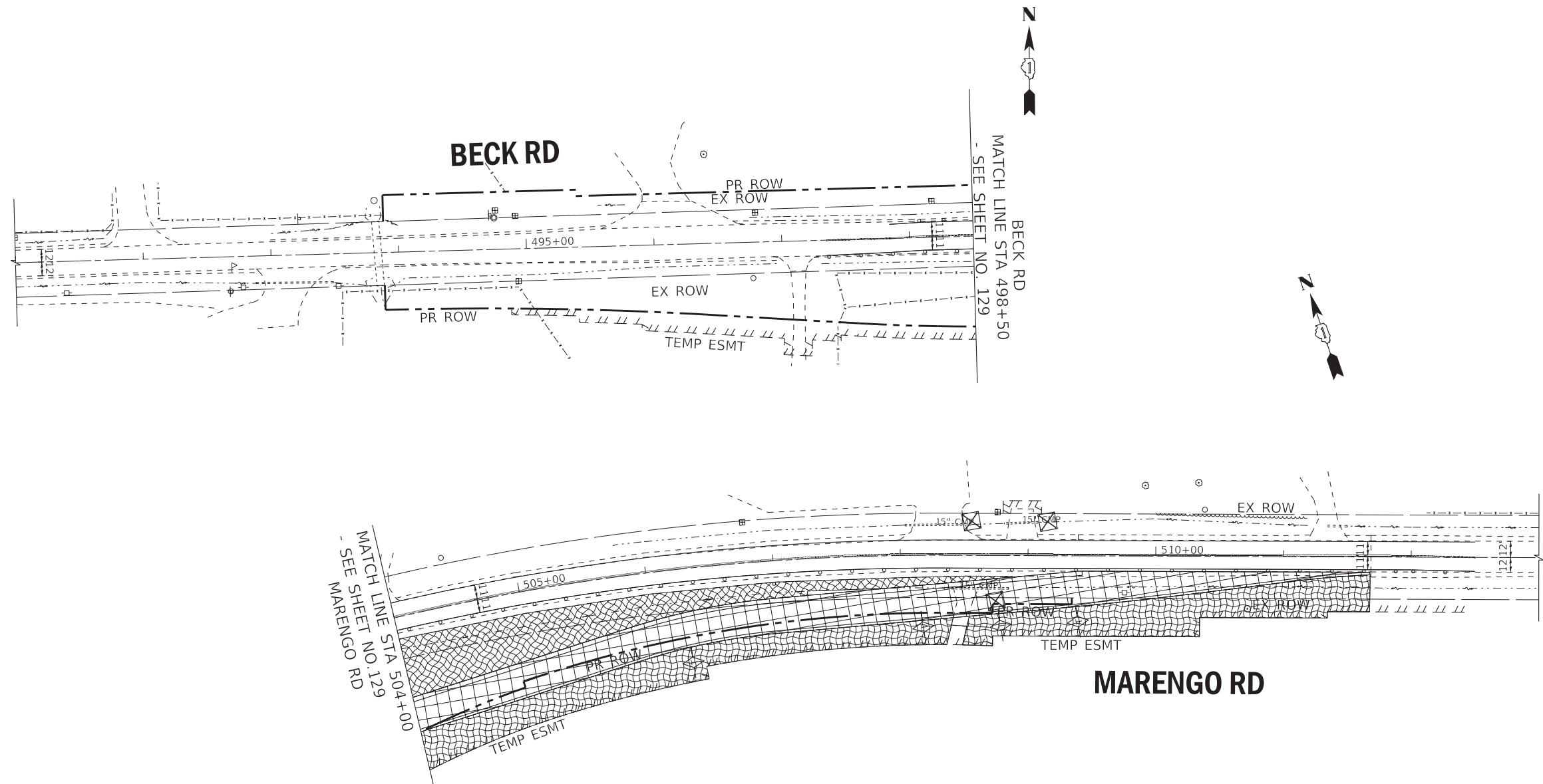
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL - STAGE 1A PLAN
US ROUTE 20
 SCALE: 1" = 50' SHEET 3 OF 19 SHEETS STA. 760+00 TO STA. 786+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	130
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

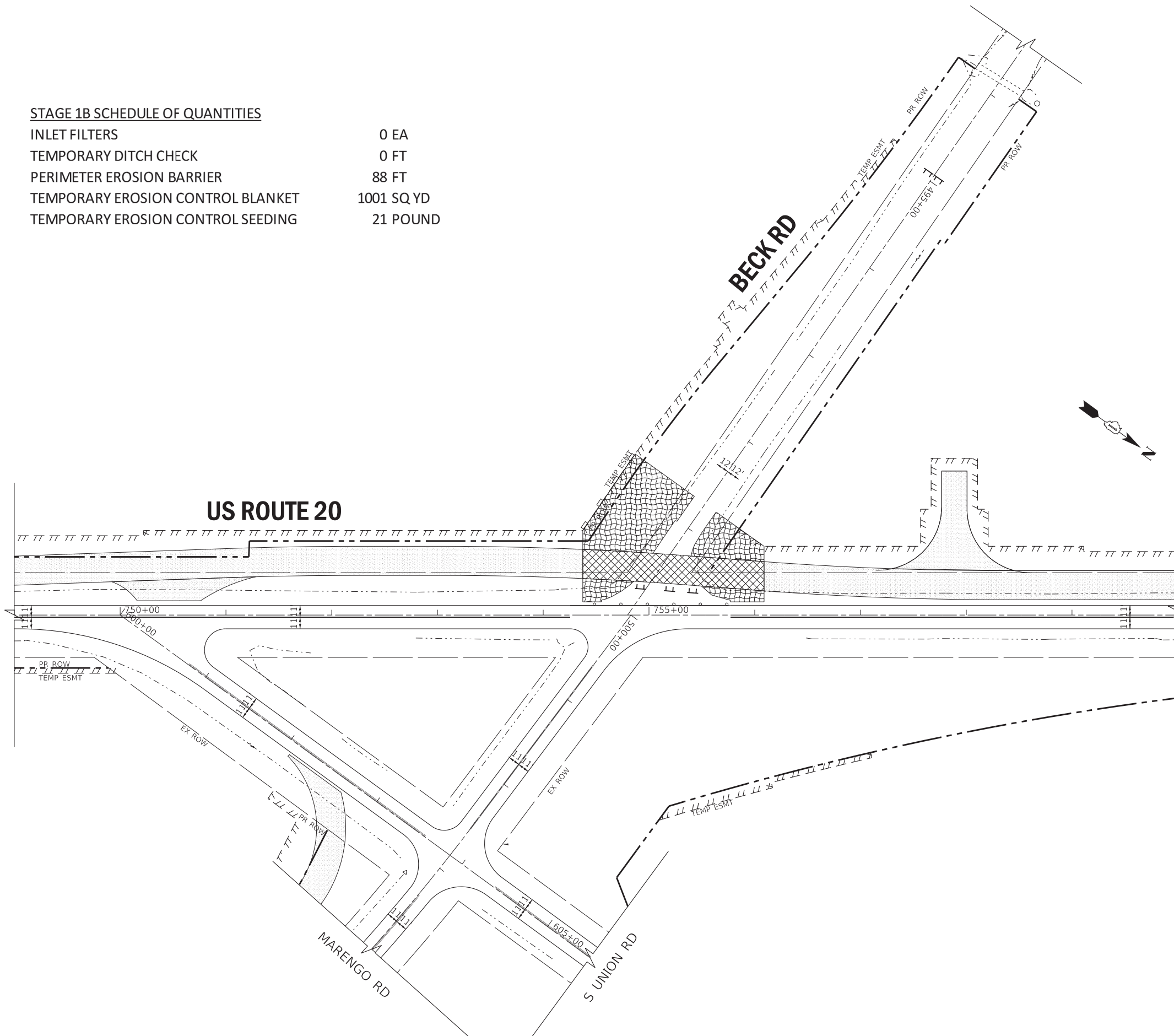
EROSION & SEDIMENT CONTROL- STAGE 1A PLAN
BECK RD, MARENGO RD AND S UNION RD

SCALE: 1" = 50' SHEET 4 OF 19 SHEETS STA. 491+00 TO STA. 513+00











F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	131
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

STAGE 1B SCHEDULE OF QUANTITIES

INLET FILTERS	0 EA
TEMPORARY DITCH CHECK	0 FT
PERIMETER EROSION BARRIER	88 FT
TEMPORARY EROSION CONTROL BLANKET	1001 SQ YD
TEMPORARY EROSION CONTROL SEEDING	21 POUND



LEGEND

-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY PAVEMENT
-  STONE RIPRAP, FILTER FABRIC
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
(PLACED IN PREVIOUS STAGES)
-  TEMPORARY PAVEMENT
(CONSTRUCTED IN PREVIOUS STAGE)
-  PROPOSED PAVEMENT

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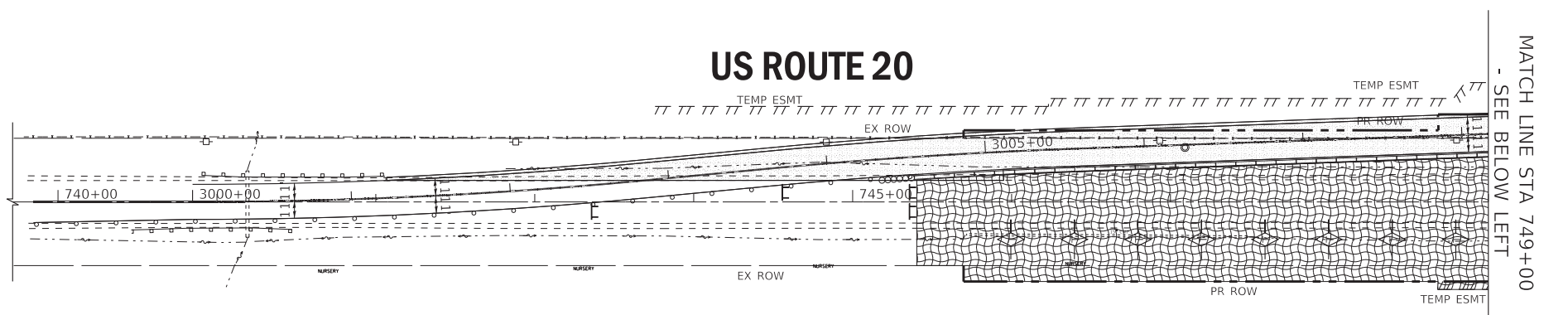
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL - STAGE 1B PLAN
US ROUTE 20**

SCALE: 1" = 50' SHEET 5 OF 19 SHEETS STA. 749+00 TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	132
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

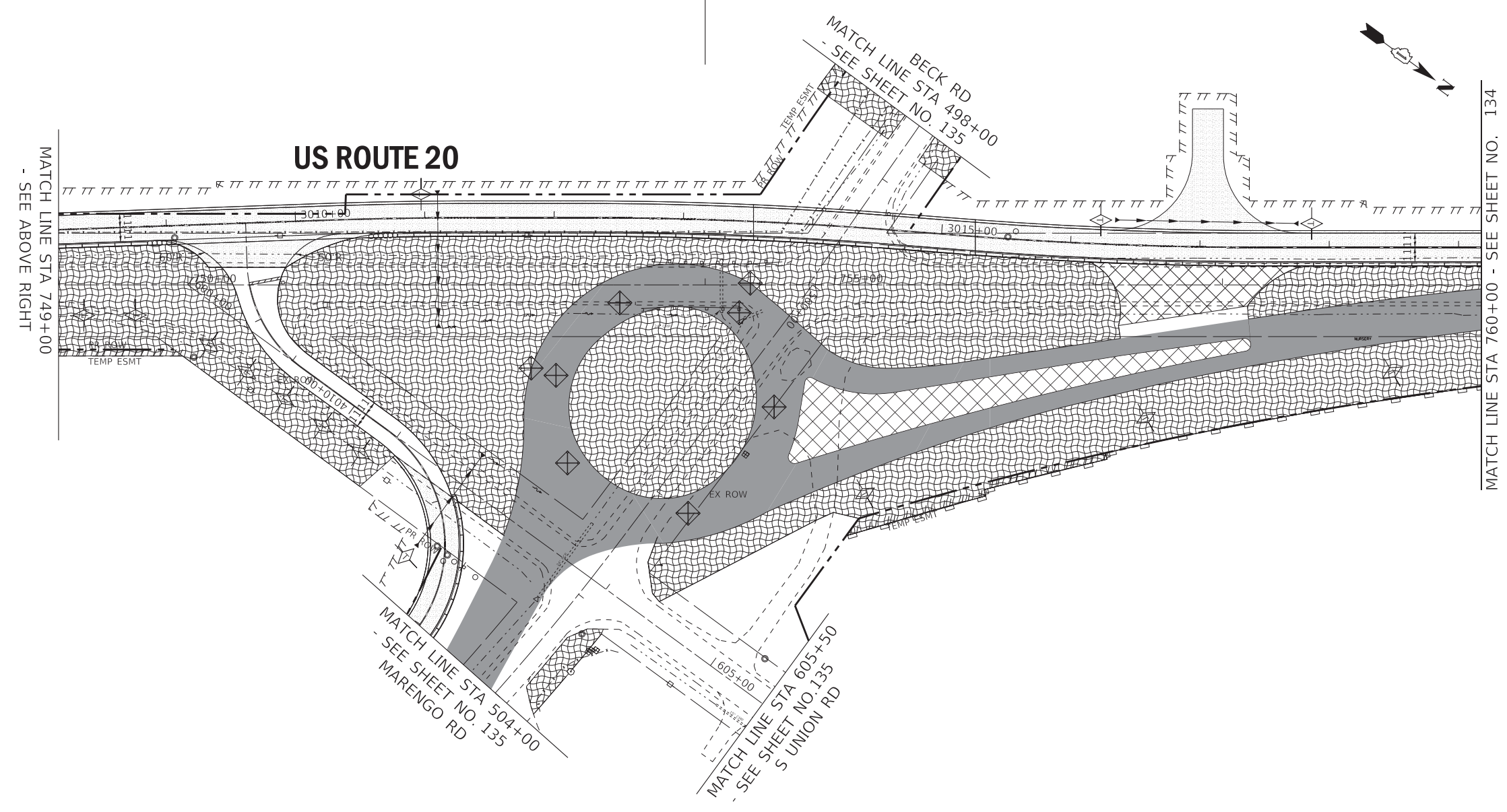
US ROUTE 20



STAGE 2A SCHEDULE OF QUANTITIES

INLET FILTERS	16 EA
TEMPORARY DITCH CHECK	530 FT
PERIMETER EROSION BARRIER	816 FT
TEMPORARY EROSION CONTROL BLANKET	27268 SQ YD
TEMPORARY EROSION CONTROL SEEDING	564 POUND

US ROUTE 20



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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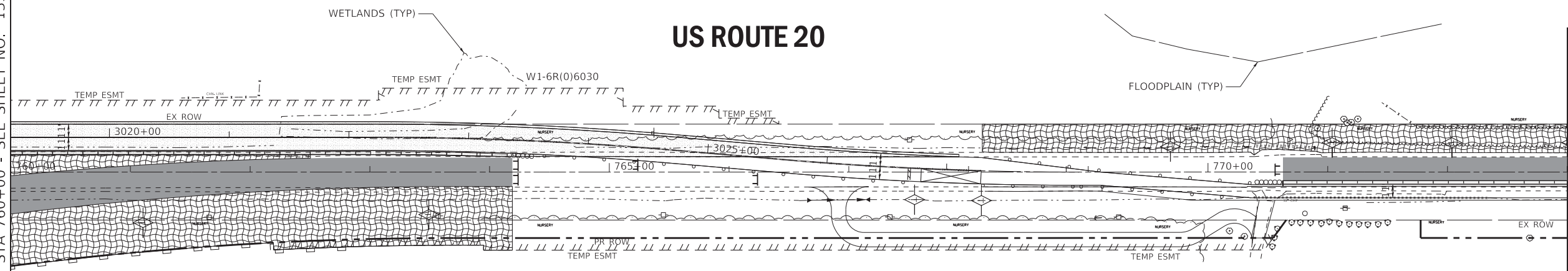
EROSION & SEDIMENT CONTROL - STAGE 2A PLAN		
US ROUTE 20		
SCALE: 1" = 50'	SHEET 6 OF 19 SHEETS	STA. 739+00 TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	133
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

MATCH LINE STA 760+00 - SEE SHEET NO. 133

MATCH LINE STA 773+00
- SEE BELOW LEFT

US ROUTE 20

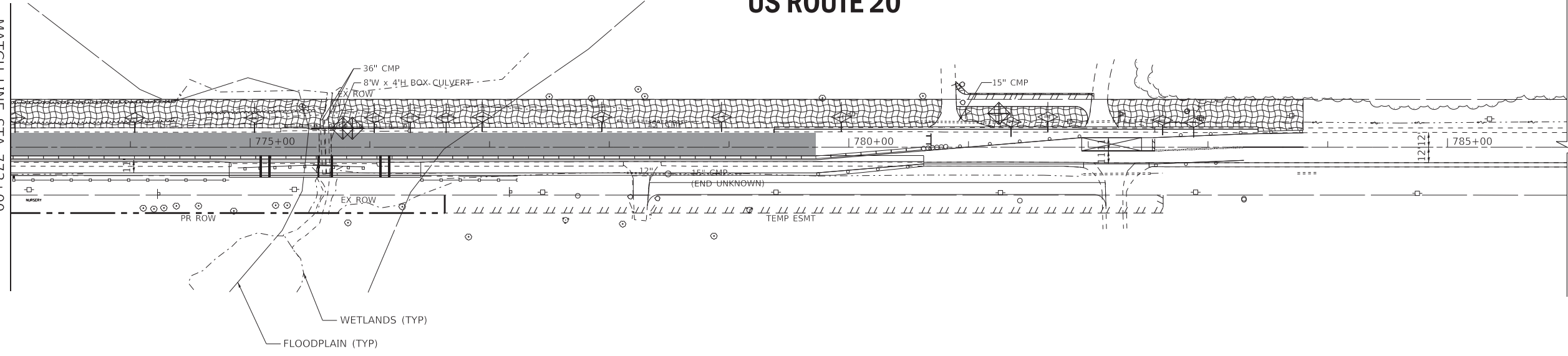


LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
(PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT
(CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

MATCH LINE STA 773+00
- SEE ABOVE RIGHT

US ROUTE 20



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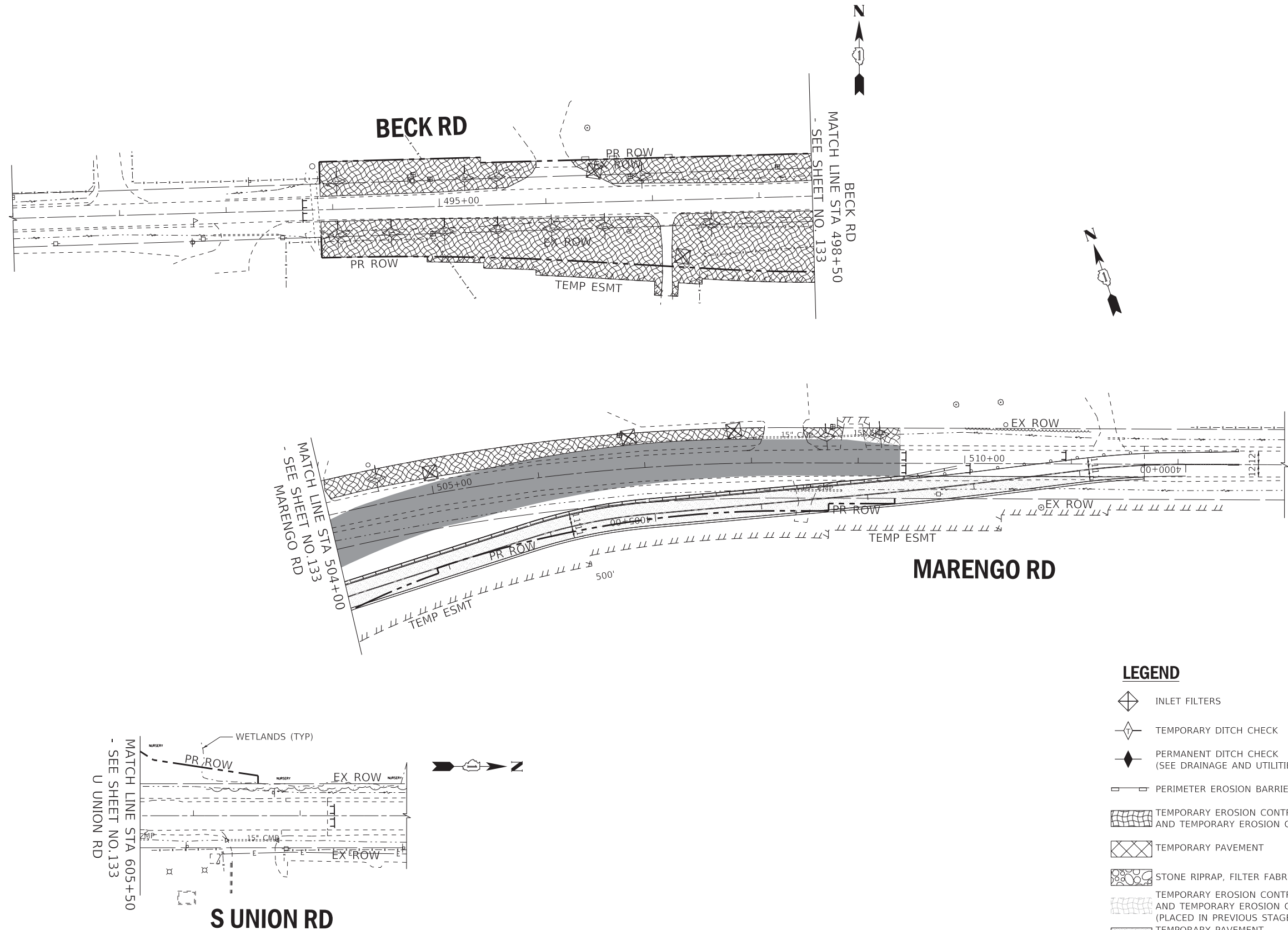
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

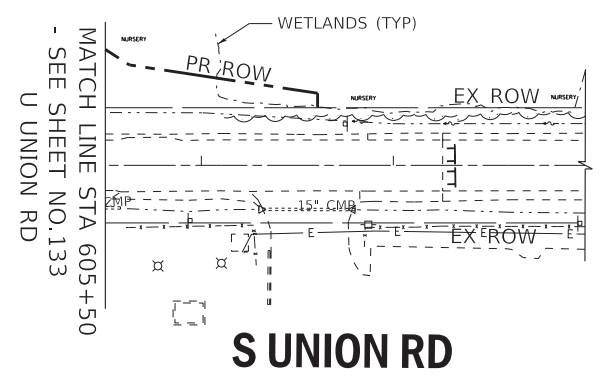
EROSION & SEDIMENT CONTROL - STAGE 2A PLAN US ROUTE 20

SCALE: 1" = 50' SHEET 7 OF 19 SHEETS STA. 760+00 TO STA. 786+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	134
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



- LEGEND**
- INLET FILTERS
 - TEMPORARY DITCH CHECK
 - PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
 - PERIMETER EROSION BARRIER
 - TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
 - TEMPORARY PAVEMENT
 - STONE RIPRAP, FILTER FABRIC
 - TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
 - TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
 - PROPOSED PAVEMENT



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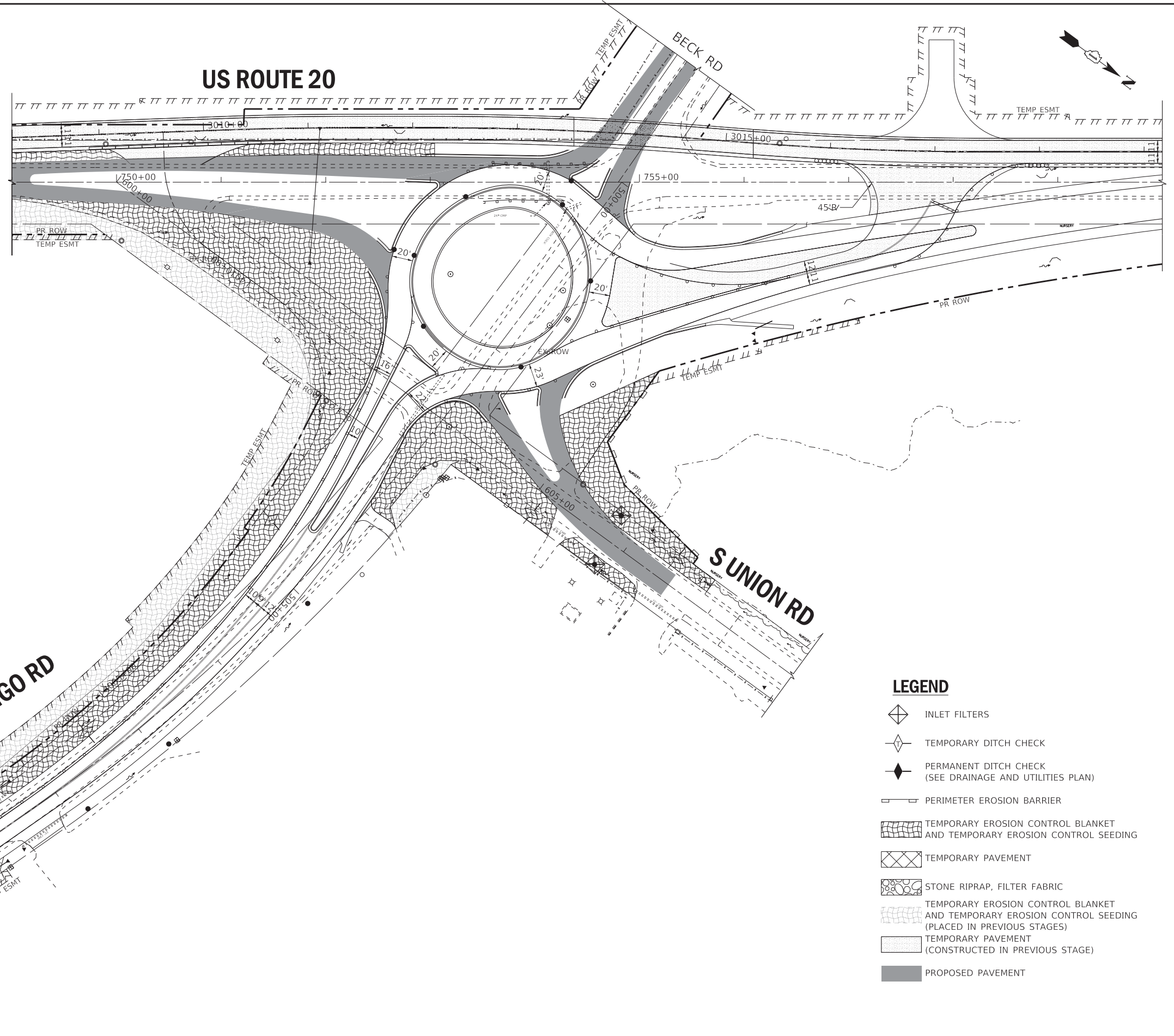
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL - STAGE 2A PLAN
BECK RD, MARENGO RD AND S UNION RD**

SCALE: 1" = 50' SHEET 8 OF 19 SHEETS STA. 491+00 TO STA. 513+00











F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	135
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



STAGE 2B SCHEDULE OF QUANTITIES

INLET FILTERS	2 EA
TEMPORARY DITCH CHECK	50 FT
PERIMETER EROSION BARRIER	210 FT
TEMPORARY EROSION CONTROL BLANKET	7201 SQ YD
TEMPORARY EROSION CONTROL SEEDING	149 POUND

LEGEND

-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY PAVEMENT
-  STONE RIPRAP, FILTER FABRIC
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
(PLACED IN PREVIOUS STAGES)
-  TEMPORARY PAVEMENT
(CONSTRUCTED IN PREVIOUS STAGE)
-  PROPOSED PAVEMENT

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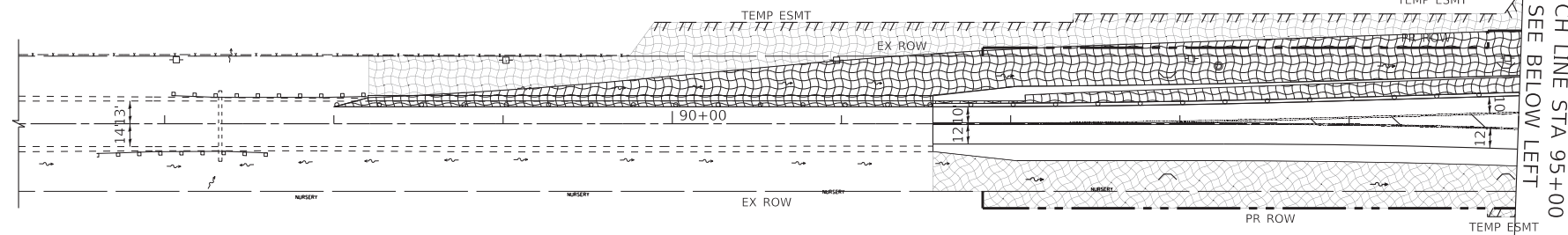
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EROSION & SEDIMENT CONTROL- STAGE 2B PLAN
US ROUTE 20

SCALE: 1" = 50' SHEET 9 OF 19 SHEETS STA. 749+00 TO STA. 760+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	136
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

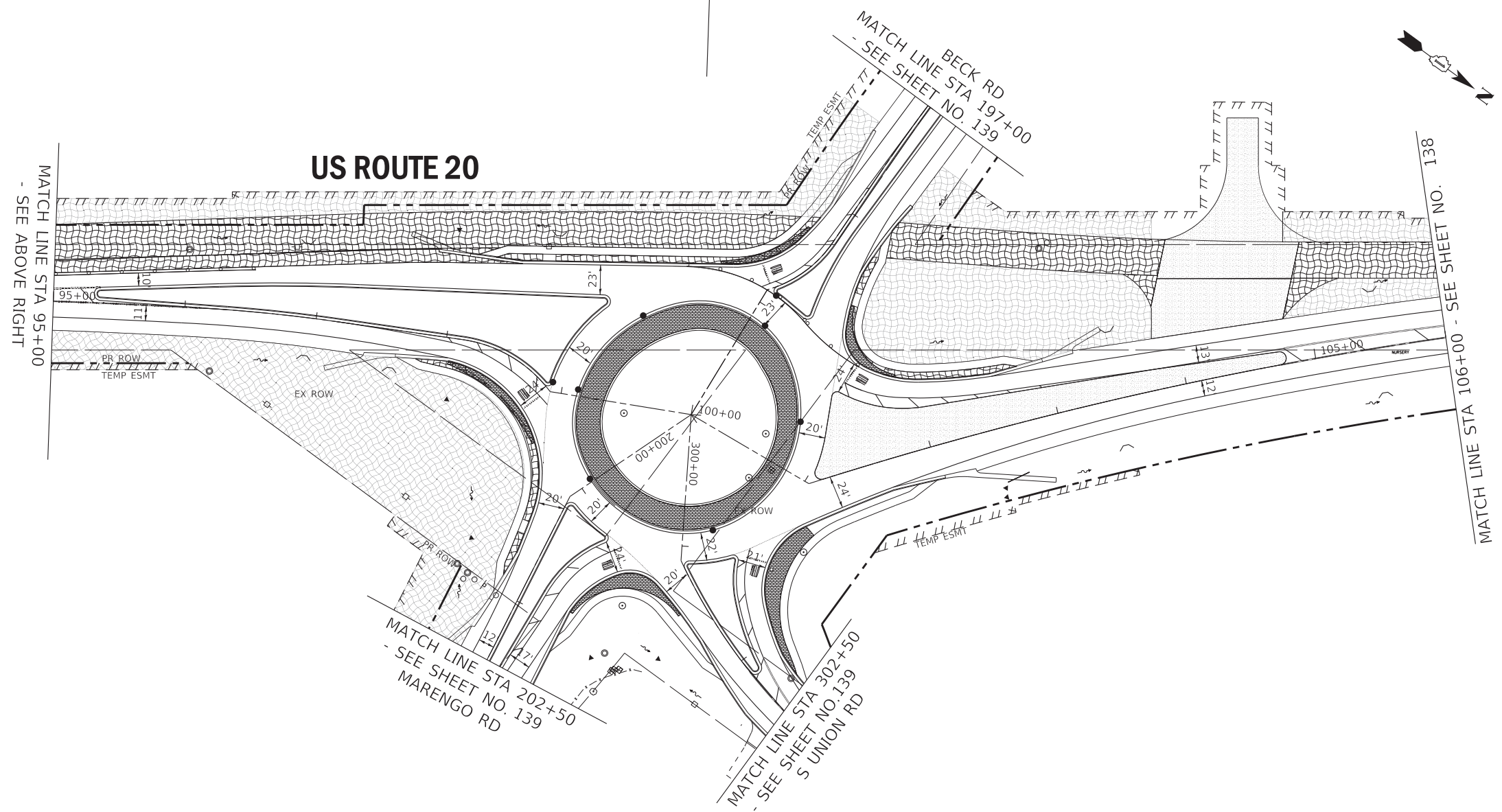
US ROUTE 20



STAGE 3A SCHEDULE OF QUANTITIES

INLET FILTERS	0 EA
TEMPORARY DITCH CHECK	0 FT
PERIMETER EROSION BARRIER	0 FT
TEMPORARY EROSION CONTROL BLANKET	6439 SQ YD
TEMPORARY EROSION CONTROL SEEDING	133 POUND

US ROUTE 20



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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EROSION & SEDIMENT CONTROL - STAGE 3A PLAN
US ROUTE 20

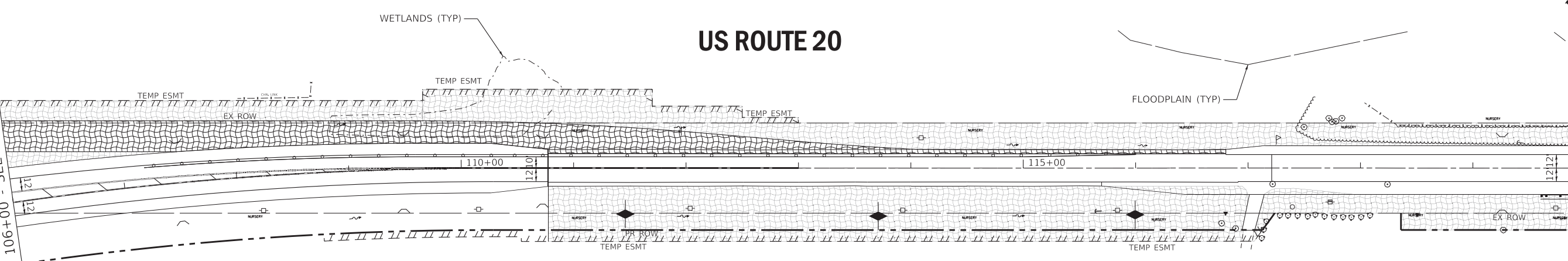
SCALE: 1" = 50' SHEET 10 OF 19 SHEETS STA. 86+00 TO STA. 106+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	137
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

MATCH LINE STA 106+00 - SEE SHEET NO. 137

MATCH LINE STA 120+00
- SEE BELOW LEFT

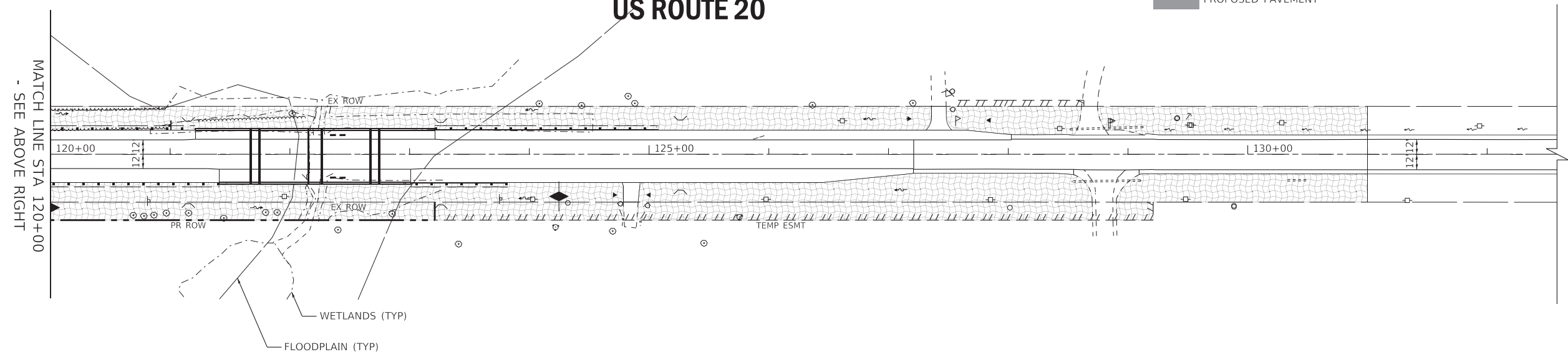
US ROUTE 20



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
(PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT
(CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

US ROUTE 20



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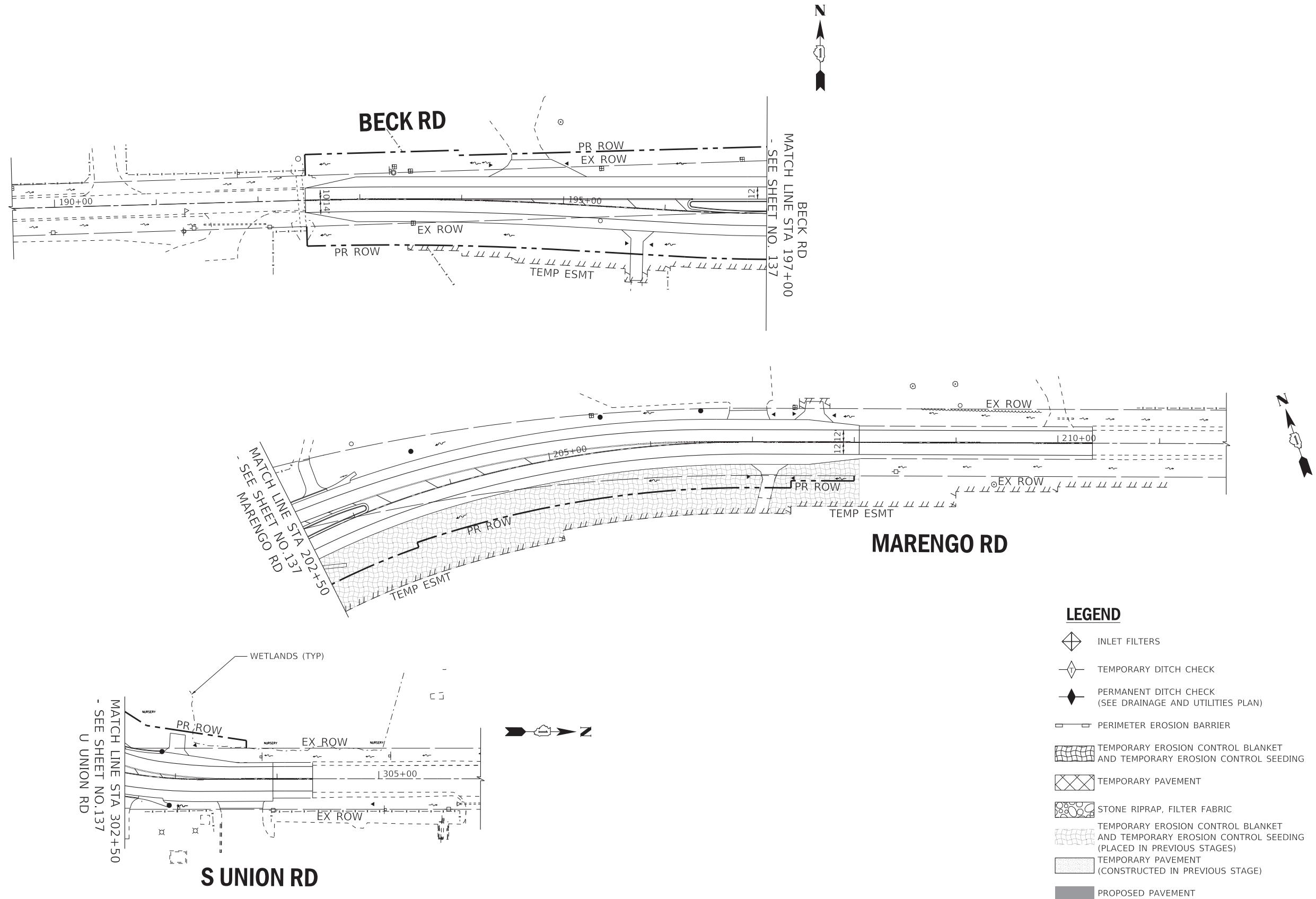
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EROSION & SEDIMENT CONTROL - STAGE 3A PLAN US ROUTE 20

SCALE: 1" = 50' SHEET 11 OF 19 SHEETS STA. 160+00 TO STA. 133+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	138
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



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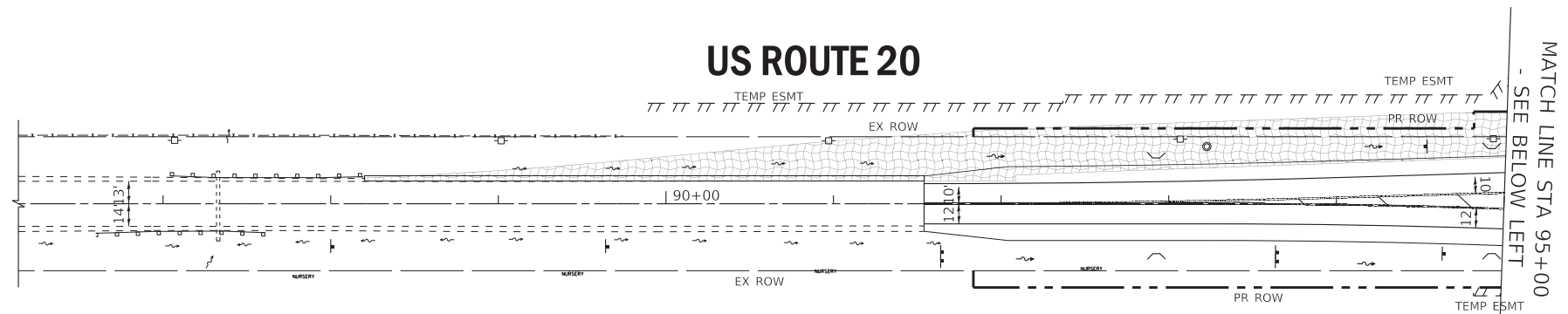
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DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL - STAGE 3A PLAN
BECK RD, MARENGO RD AND S UNION RD

SCALE: 1" = 50' SHEET 12 OF 19 SHEETS STA. 190+00 TO STA. 211+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	139
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

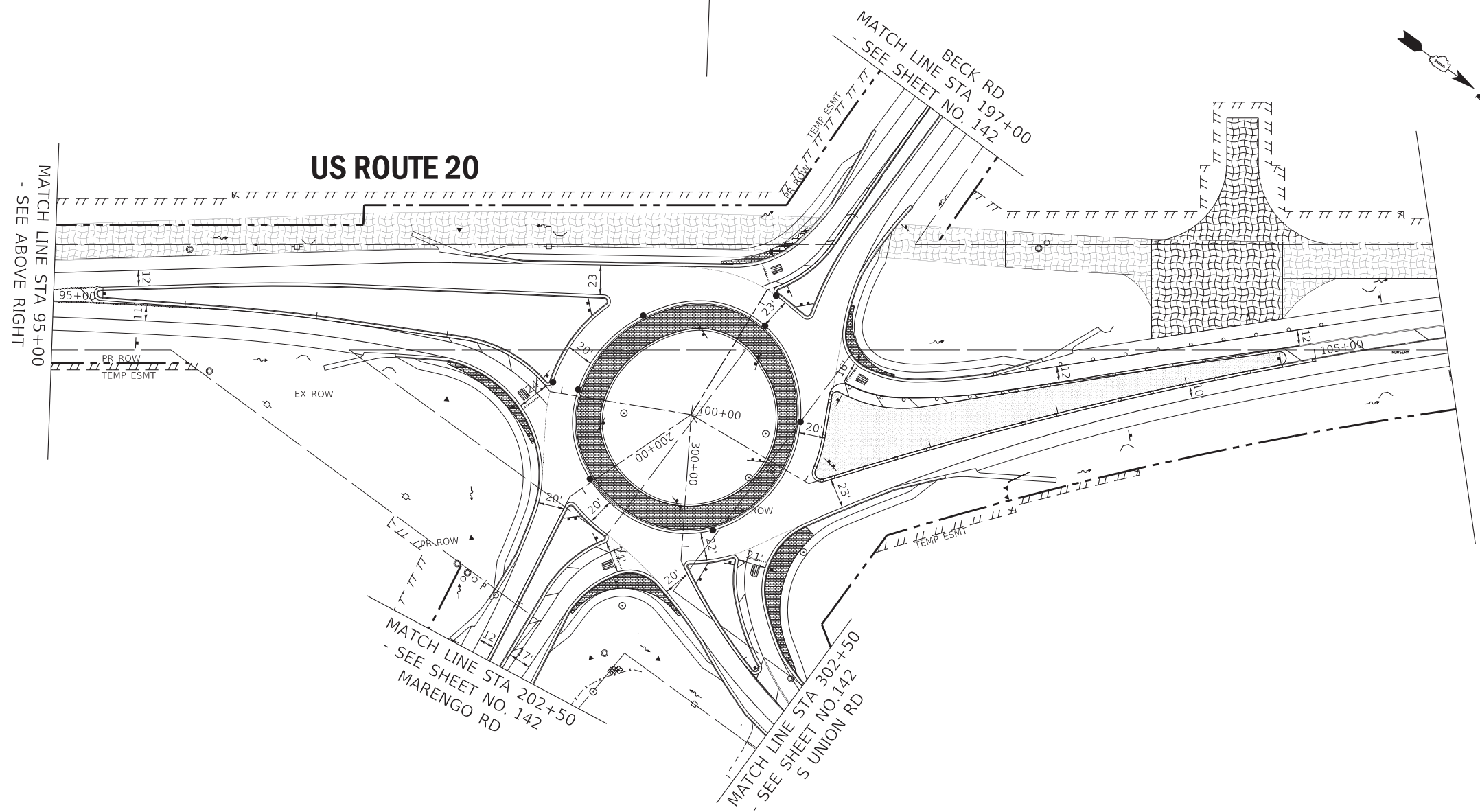
US ROUTE 20



STAGE 3B SCHEDULE OF QUANTITIES

INLET FILTERS	0 EA
TEMPORARY DITCH CHECK	0 FT
PERIMETER EROSION BARRIER	0 FT
TEMPORARY EROSION CONTROL BLANKET	1172 SQ YD
TEMPORARY EROSION CONTROL SEEDING	24 POUND

US ROUTE 20



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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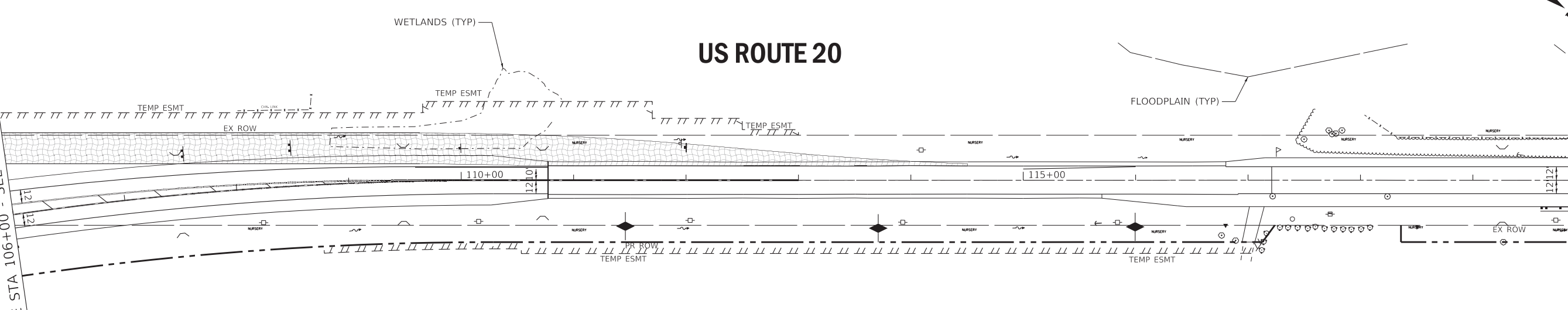
EROSION & SEDIMENT CONTROL - STAGE 3B PLAN			
US ROUTE 20			
SCALE: 1" = 50'	SHEET 13 OF 19 SHEETS	STA. 86+00	TO STA. 106+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	140
CONTRACT NO. 62D36				
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MATCH LINE STA 106+00 - SEE SHEET NO. 140

MATCH LINE STA 120+00
- SEE BELOW LEFT

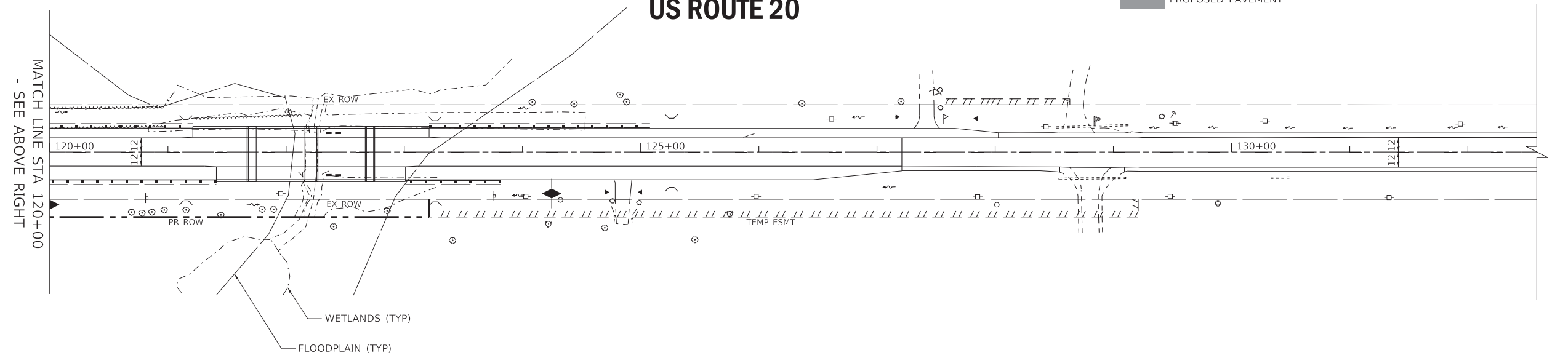
US ROUTE 20



LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

US ROUTE 20



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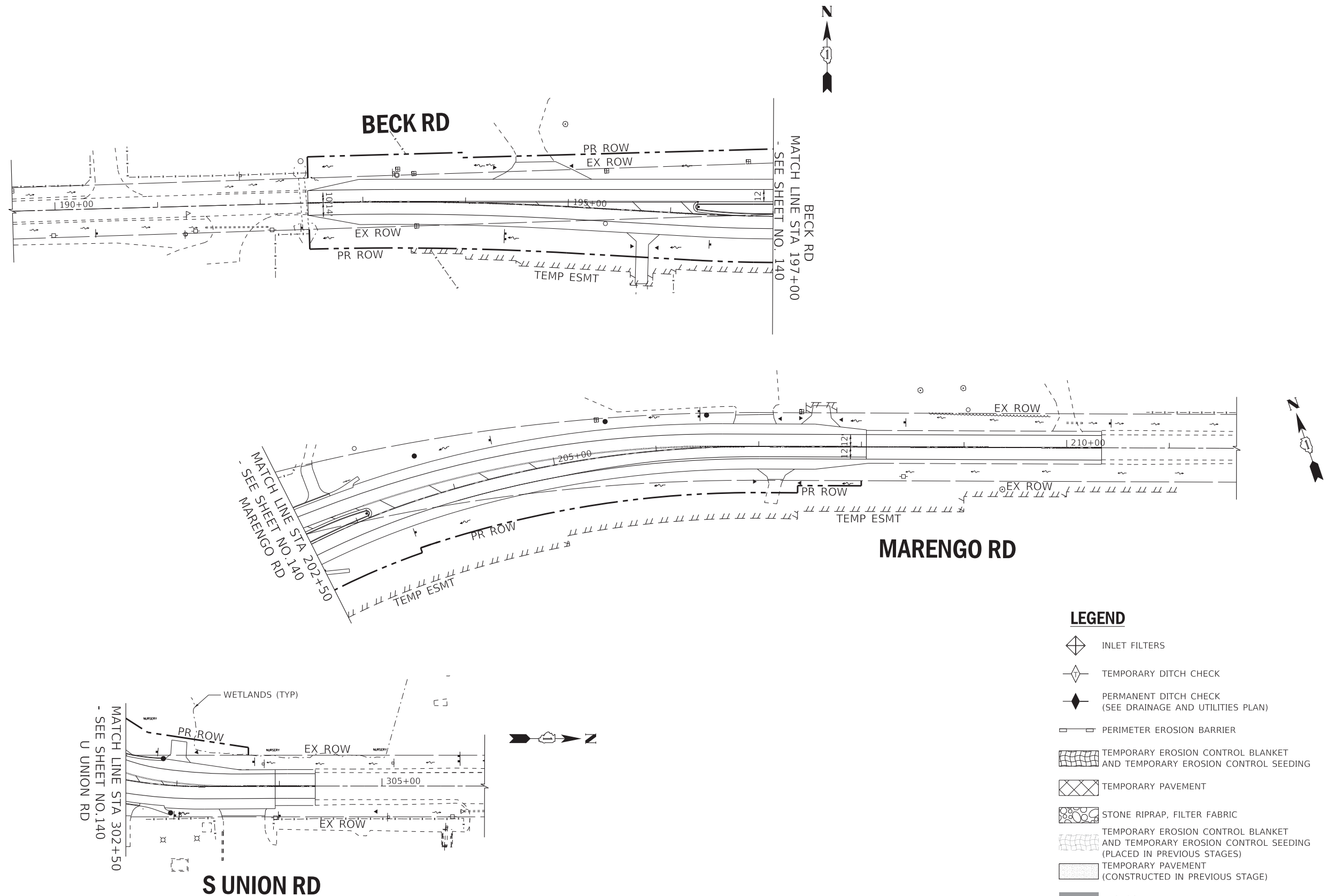
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DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL - STAGE 3B PLAN
US ROUTE 20**

SCALE: 1" = 50' SHEET 14 OF 19 SHEETS STA. 106+00 TO STA. 133+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	141
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



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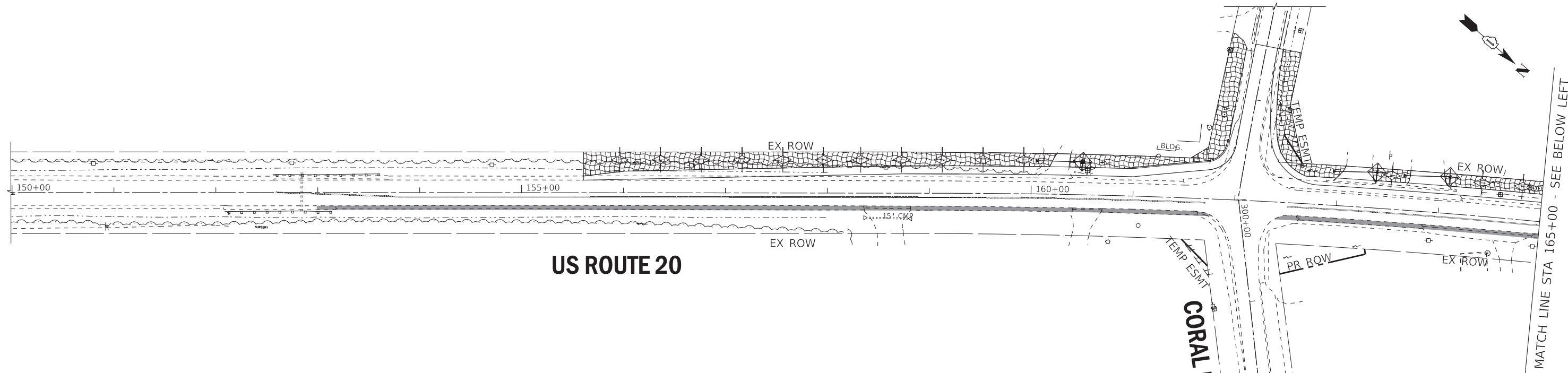
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EROSION & SEDIMENT CONTROL - STAGE 3B PLAN
BECK RD, MARENGO RD AND S UNION RD

SCALE: 1" = 50' SHEET 15 OF 19 SHEETS STA. 190+00 TO STA. 211+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	142
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



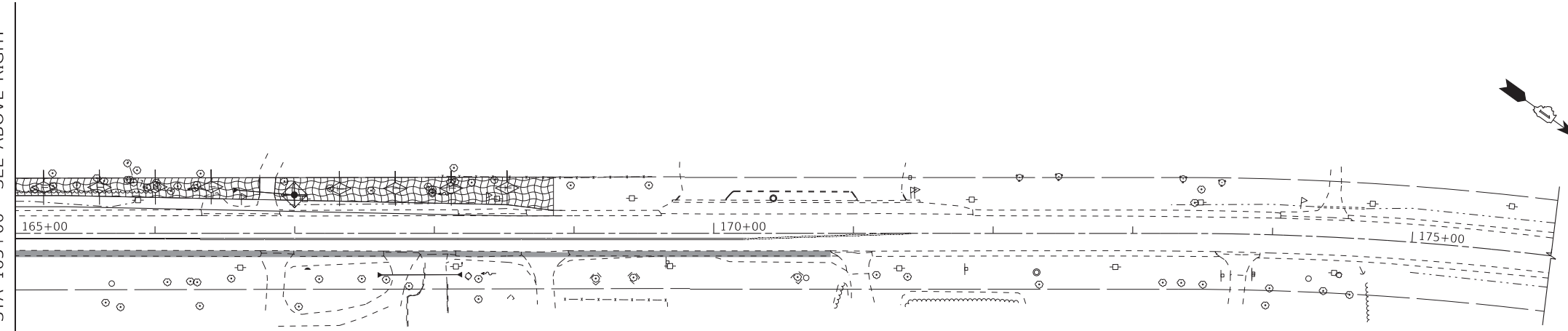
US ROUTE 20

CORAL RD

MATCH LINE STA 165+00 - SEE BELOW LEFT

STAGE 2A SCHEDULE OF QUANTITIES

INLET FILTERS	4 EA
TEMPORARY DITCH CHECK	220 FT
PERIMETER EROSION BARRIER	0 FT
TEMPORARY EROSION CONTROL BLANKET	3246 SQ YD
TEMPORARY EROSION CONTROL SEEDING	68 POUND



US ROUTE 20

MATCH LINE STA 165+00 - SEE ABOVE RIGHT

LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

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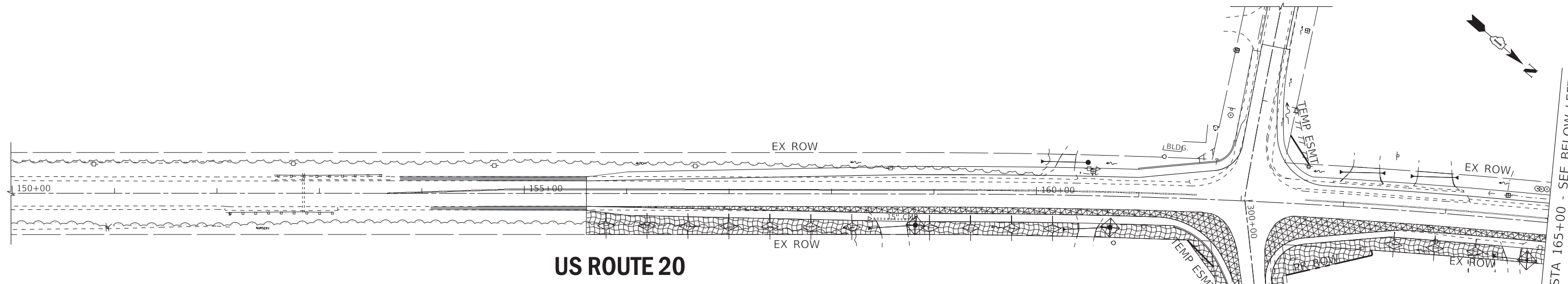
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**EROSION & SEDIMENT CONTROL PLAN - STAGE 2A
US ROUTE 20 AT CORAL ROAD**

SCALE: 1" = 50' SHEET 16 OF 19 SHEETS STA. 150+00 TO STA. 176+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	143
			CONTRACT NO. 62D36	
ILLINOIS FED. AID PROJECT GWI(759)				



US ROUTE 20

CORAL RD

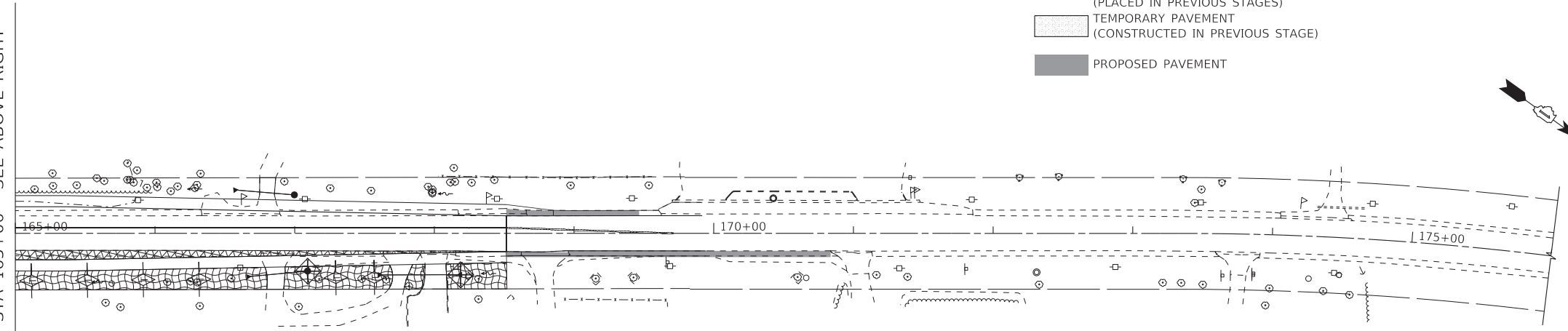
MATCH LINE STA 165+00 - SEE BELOW LEFT

STAGE 2B SCHEDULE OF QUANTITIES

INLET FILTERS	7 EA
TEMPORARY DITCH CHECK	220 FT
PERIMETER EROSION BARRIER	0 FT
TEMPORARY EROSION CONTROL BLANKET	3338 SQ YD
TEMPORARY EROSION CONTROL SEEDING	69 POUND

LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT



US ROUTE 20

MATCH LINE STA 165+00 - SEE ABOVE RIGHT

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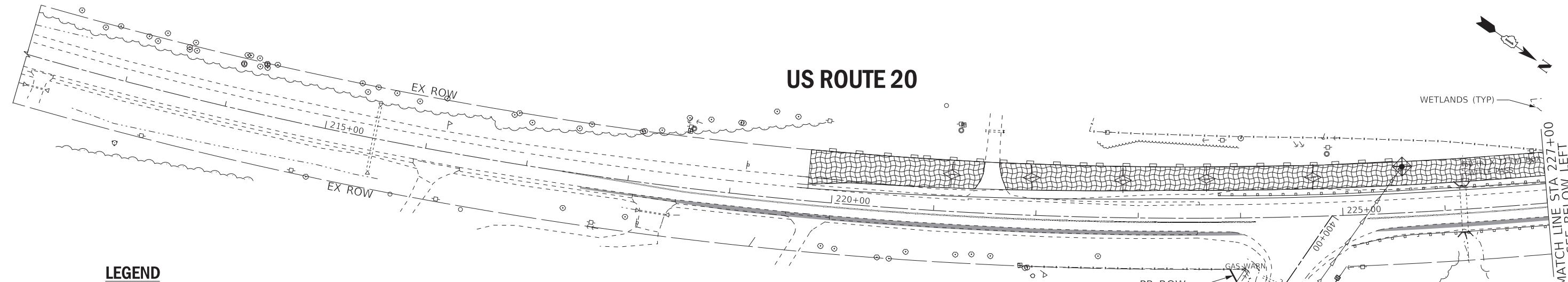
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		DATE - 01-24-20	FILE - D162D36-sht-EROS_Stage2B_Coral.dgn

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








**EROSION & SEDIMENT CONTROL PLAN - STAGE 2B
US ROUTE 20 AT CORAL ROAD**

SCALE: 1" = 50' SHEET 17 OF 19 SHEETS STA. 150+00 TO STA. 176+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	144
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWI(759)	

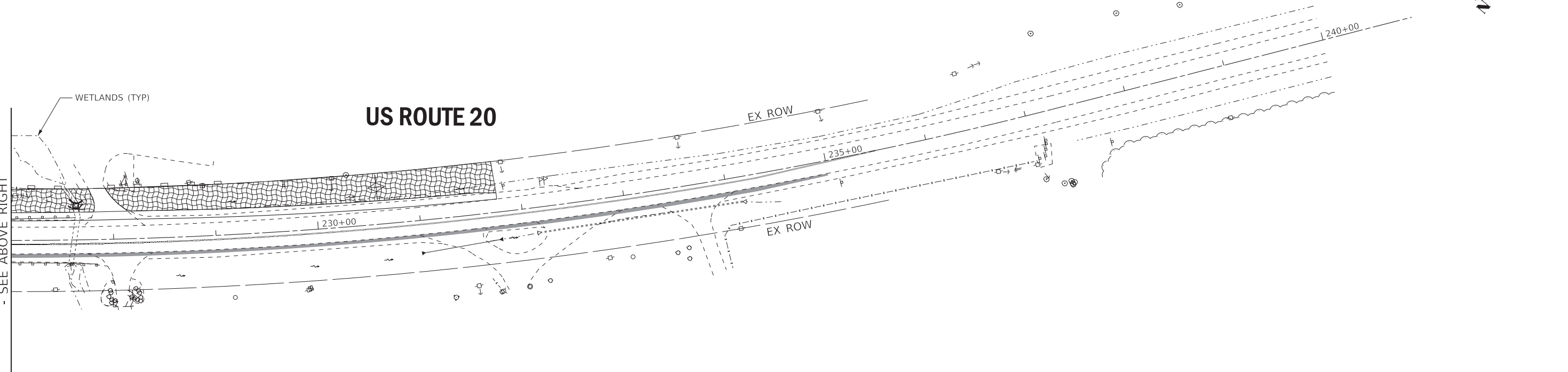


LEGEND

-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  PERMANENT DITCH CHECK
(SEE DRAINAGE AND UTILITIES PLAN)
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
-  TEMPORARY PAVEMENT
-  STONE RIPRAP, FILTER FABRIC
-  TEMPORARY EROSION CONTROL BLANKET
AND TEMPORARY EROSION CONTROL SEEDING
(PLACED IN PREVIOUS STAGES)
-  TEMPORARY PAVEMENT
(CONSTRUCTED IN PREVIOUS STAGE)
-  PROPOSED PAVEMENT

STAGE 2A SCHEDULE OF QUANTITIES

INLET FILTERS	1 EA
TEMPORARY DITCH CHECK	60 FT
PERIMETER EROSION BARRIER	800 FT
TEMPORARY EROSION CONTROL BLANKET	4655 SQ YD
TEMPORARY EROSION CONTROL SEEDING	96 POUND



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MATCH LINE STA 227+00
- SEE ABOVE RIGHT

MATCH LINE STA 227+00
- SEE BELOW LEFT

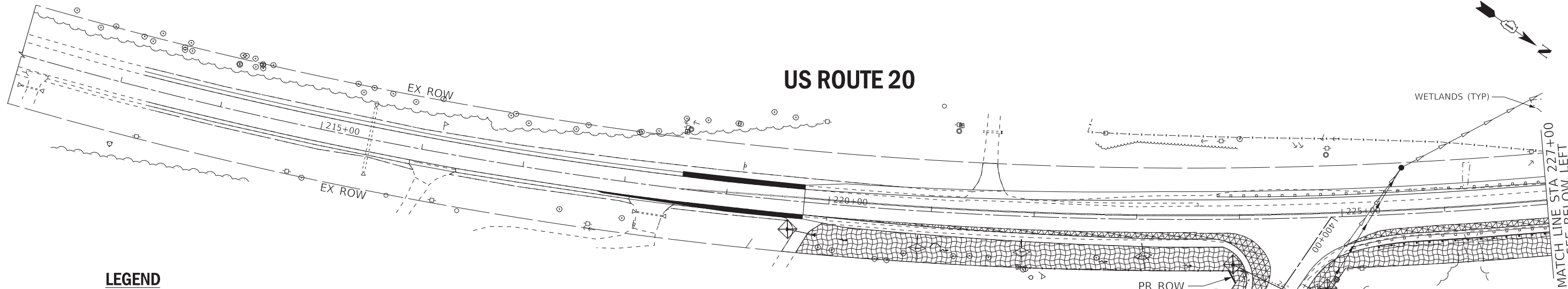
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		DATE - 01-24-20	FILE - D162D36-sht-EROS_Stage2A_Unibn.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EROSION & SEDIMENT CONTROL PLAN - STAGE 2A
US ROUTE 20 AT W UNION ROAD**

SCALE: 1" = 50' SHEET 18 OF 19 SHEETS STA. 212+00 TO STA. 240+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	145
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

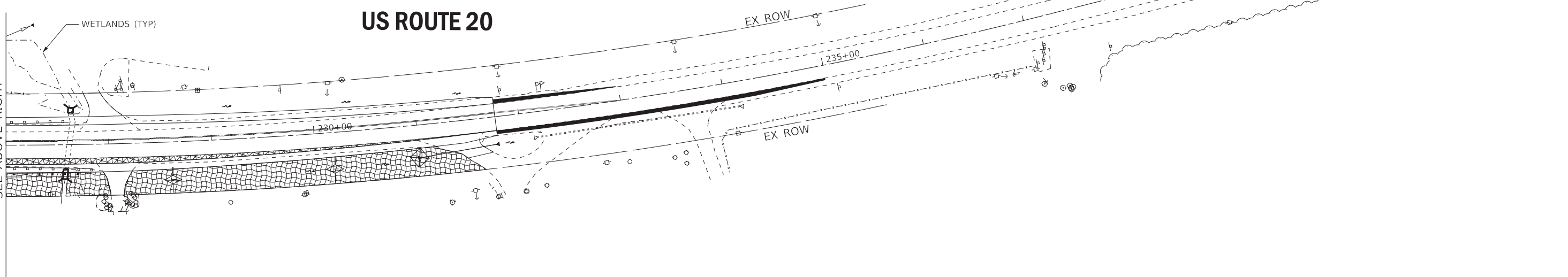


LEGEND

- INLET FILTERS
- TEMPORARY DITCH CHECK
- PERMANENT DITCH CHECK (SEE DRAINAGE AND UTILITIES PLAN)
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING
- TEMPORARY PAVEMENT
- STONE RIPRAP, FILTER FABRIC
- TEMPORARY EROSION CONTROL BLANKET AND TEMPORARY EROSION CONTROL SEEDING (PLACED IN PREVIOUS STAGES)
- TEMPORARY PAVEMENT (CONSTRUCTED IN PREVIOUS STAGE)
- PROPOSED PAVEMENT

STAGE 2B SCHEDULE OF QUANTITIES

INLET FILTERS	6 EA
TEMPORARY DITCH CHECK	60 FT
PERIMETER EROSION BARRIER	120 FT
TEMPORARY EROSION CONTROL BLANKET	4819 SQ YD
TEMPORARY EROSION CONTROL SEEDING	100 POUND



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MATCH LINE STA 227+00
 - SEE ABOVE RIGHT

MATCH LINE STA 227+00
 - SEE BELOW LEFT



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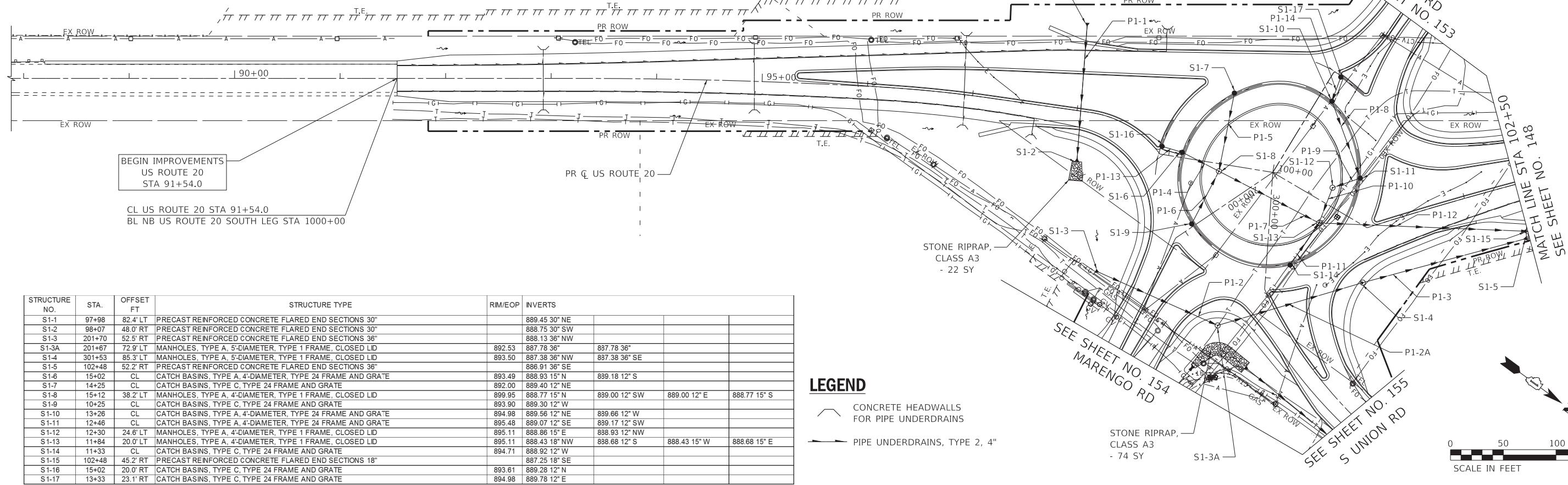
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DEPARTMENT OF TRANSPORTATION

EROSION & SEDIMENT CONTROL PLAN - STAGE 2B
US ROUTE 20 AT W UNION ROAD

SCALE: 1" = 50' SHEET 19 OF 19 SHEETS STA. 212+00 TO STA. 240+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	146
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P1-1	S1-1	S1-2	PIPE CULVERTS, CLASS A, TYPE 1 30"	131	0.53%	48.0
P1-2	S1-3	S1-3A	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	126	0.28%	58.5
P1-2A	S1-3A	S1-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	143	0.28%	111.0
P1-3	S1-4	S1-5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 36"	161	0.29%	0.0
P1-4	S1-6	S1-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	39	0.41%	14.5
P1-5	S1-7	S1-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	75	0.53%	15.2
P1-6	S1-9	S1-8	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	56	0.54%	16.3
P1-7	S1-8	S1-13	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	107	0.32%	0.0
P1-8	S1-10	S1-11	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	78	0.50%	41.9
P1-9	S1-11	S1-12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	28	0.50%	11.7
P1-10	S1-12	S1-13	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	36	0.50%	0.0
P1-11	S1-14	S1-13	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	48	0.50%	20.9
P1-12	S1-13	S1-15	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	195	0.61%	61.9
P1-13	S1-16	S1-6	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	20	0.50%	7.6
P1-14	S1-17	S1-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	24	0.50%	11.4



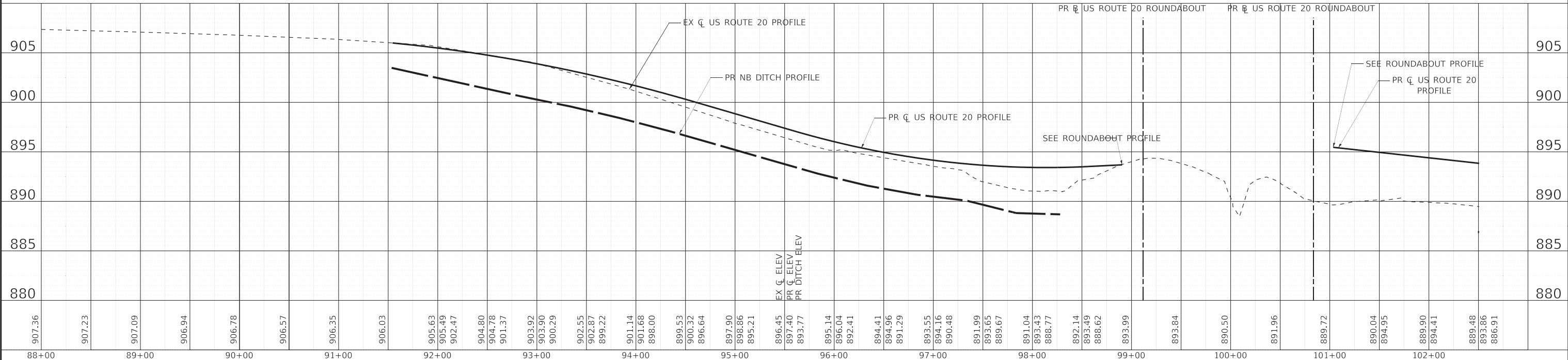
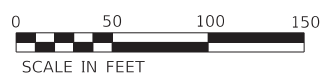
BEGIN IMPROVEMENTS
US ROUTE 20
STA 91+54.0

CL US ROUTE 20 STA 91+54.0
BL NB US ROUTE 20 SOUTH LEG STA 1000+00

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S1-1	97+98	82.4' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"		889.45 30" NE
S1-2	98+07	48.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 30"		888.75 30" SW
S1-3	201+70	52.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"		888.13 36" NW
S1-3A	201+67	72.9' LT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LD	892.53	887.78 36"
S1-4	301+53	85.3' LT	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LD	893.50	887.38 36" NW 887.38 36" SE
S1-5	102+48	52.2' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 36"		886.91 36" SE
S1-6	15+02	CL	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	893.49	888.93 15" N 889.18 12" S
S1-7	14+25	CL	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	892.00	889.40 12" NE
S1-8	15+12	38.2' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LD	899.95	888.77 15" N 889.00 12" SW 889.00 12" E 888.77 15" S
S1-9	10+25	CL	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	893.90	889.30 12" W
S1-10	13+26	CL	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	894.98	889.56 12" NE 889.17 12" SW 889.66 12" W
S1-11	12+46	CL	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	895.48	889.07 12" SE 889.17 12" SW
S1-12	12+30	24.6' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LD	895.11	888.86 15" E 888.93 12" NW
S1-13	11+84	20.0' LT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LD	895.11	888.43 18" NW 888.68 12" S 888.43 15" W 888.68 15" E
S1-14	11+33	CL	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	894.71	888.92 12" W
S1-15	102+48	45.2' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		887.25 18" SE
S1-16	15+02	20.0' RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	893.61	889.28 12" N
S1-17	13+33	23.1' RT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	894.98	889.78 12" E

LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"



USER NAME = 560KAR	DESIGNED - REW	REVISED -
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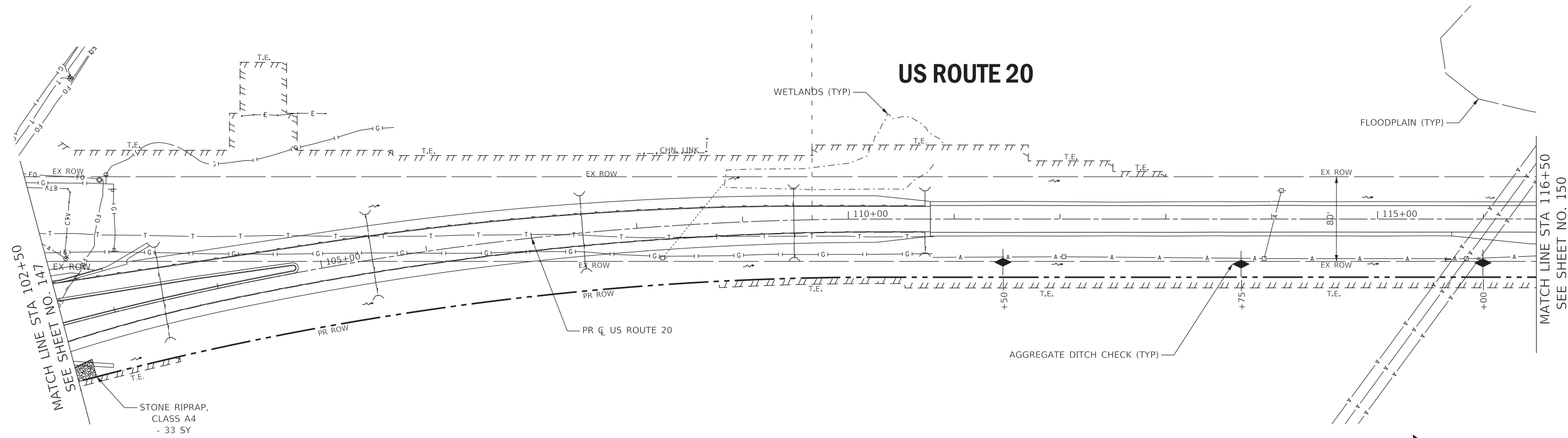
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
US ROUTE 20



SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. 87+50 TO STA. 102+50

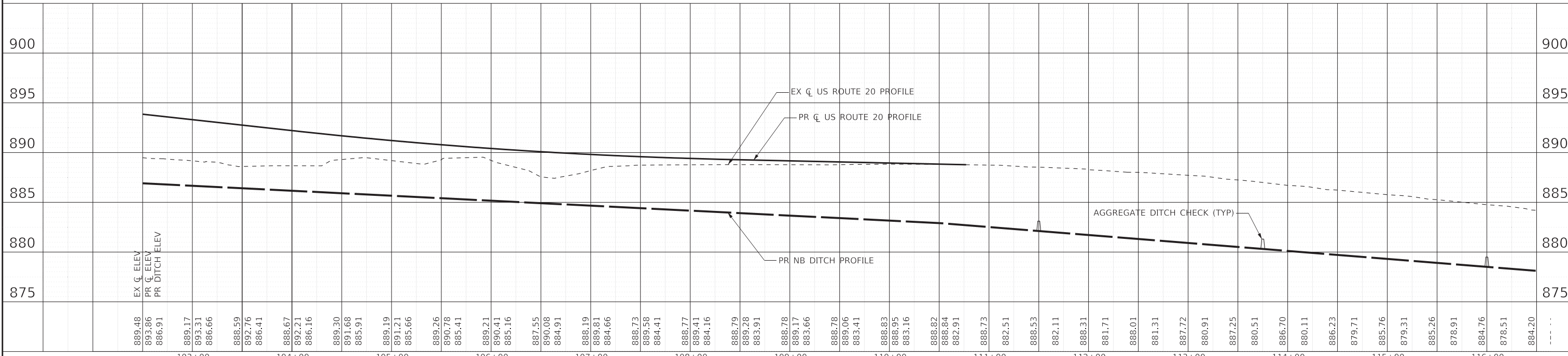
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	147
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

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LEGEND

-  CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
-  PIPE UNDERDRAINS, TYPE 2, 4"



889.48	893.86	886.91	889.17	893.31	886.66	888.59	892.76	886.41	888.67	892.21	886.16	889.30	891.68	885.91	889.19	891.21	885.66	889.26	890.78	885.41	889.21	890.41	885.16	887.55	890.08	884.91	888.19	889.81	884.66	888.73	889.58	884.41	888.77	889.41	884.16	888.79	889.28	883.91	888.78	889.17	883.66	888.78	889.06	883.41	888.83	888.95	883.16	888.82	888.84	882.91	888.73	882.51	888.53	882.11	888.31	881.71	888.01	881.31	887.72	880.91	887.25	880.51	886.70	880.11	886.23	879.71	885.76	879.31	885.26	878.91	884.76	878.51	884.20	...
103+00			104+00			105+00			106+00			107+00			108+00			109+00			110+00			111+00			112+00			113+00			114+00			115+00			116+00																																			

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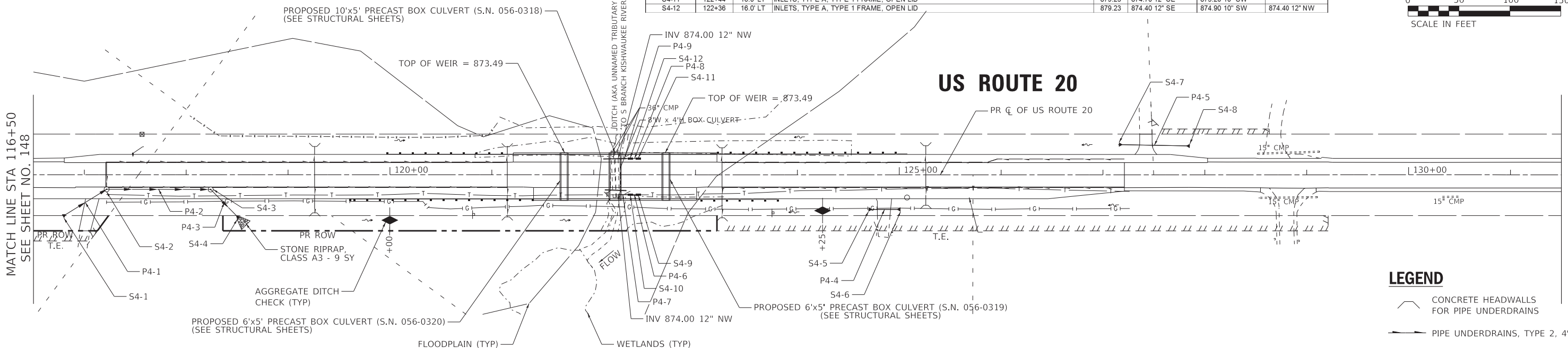
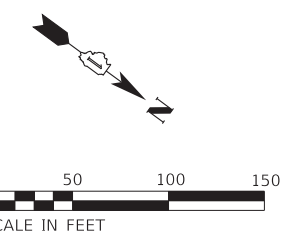
**DRAINAGE & UTILITIES
US ROUTE 20**

SCALE: 1" = 50' SHEET 2 OF 10 SHEETS STA. 102+50 TO STA. 116+50

F.A.P. RTE. 525	SECTION 2016-092B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 148
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWI(759)	

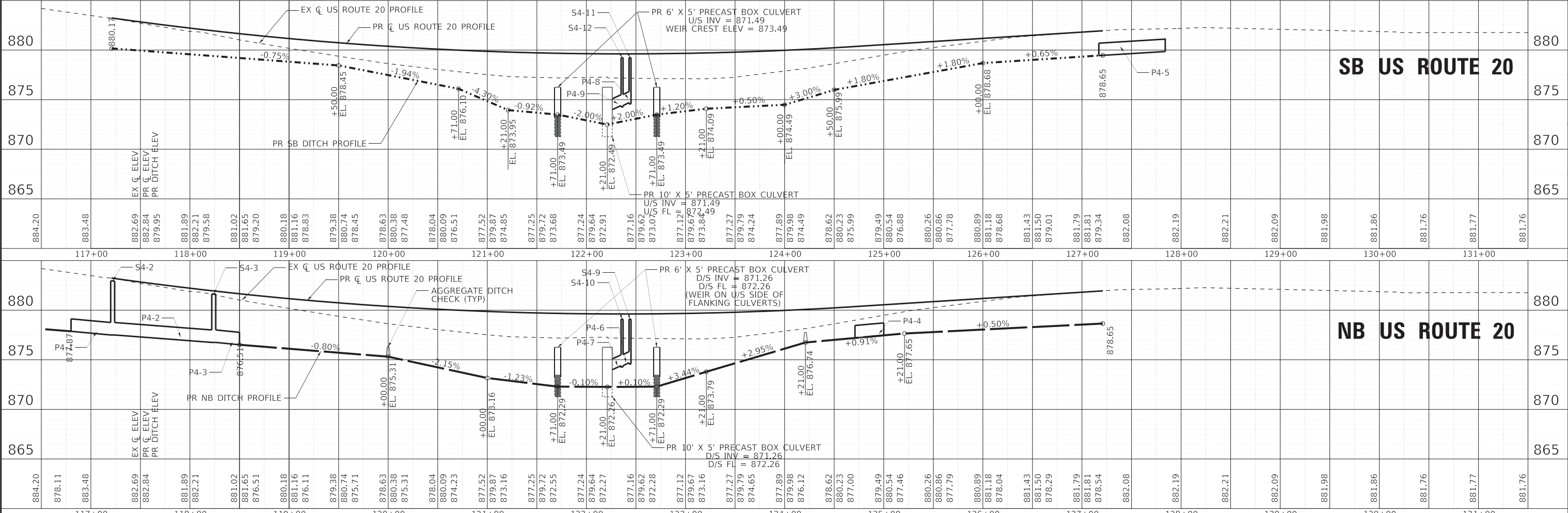
PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P4-1	S4-1	S4-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	49	0.76%	9.2
P4-2	S4-2	S4-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	102	0.74%	49.7
P4-3	S4-3	S4-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	38	0.63%	6.0
P4-4	S4-6	S4-5	PIPE CULVERTS, CLASS A, TYPE 1 15"	29	0.90%	2.8
P4-5	S4-8	S4-7	PIPE CULVERTS, CLASS A, TYPE 1 15"	67	0.61%	2.7
P4-6	S4-9	S4-10	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	8	3.75%	3.2
P4-7	S4-10	+26; 19.5' RT	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	10	4.00%	4.4
P4-8	S4-11	S4-12	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	8	3.75%	3.4
P4-9	S4-12	+26; 16' LT	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	10	4.00%	4.6

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S4-1	116+80	40.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		877.87 15" NW
S4-2	117+22	14.2' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	882.95	877.50 15" NW 877.50 15" SE
S4-3	118+24	14.4' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	881.63	876.75 15" NE 876.75 15" SE
S4-4	118+50	41.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		876.51 15" SW 877.20 15" NW
S4-5	124+71	34.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		877.46 15" SE 879.40 15" NW
S4-6	125+00	34.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		879.81 15" SE
S4-7	127+17	29.6' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		879.40 15" NW
S4-8	127+84	28.4' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		879.81 15" SE
S4-9	122+44	19.5' RT	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	879.09	874.70 12" SE 875.20 10" NE
S4-10	122+36	19.5' RT	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	879.09	874.40 12" SE 874.90 10" NE 874.40 12" NW
S4-11	122+44	16.0' LT	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	879.23	874.70 12" SE 875.20 10" SW
S4-12	122+36	16.0' LT	INLETS, TYPE A, TYPE 1 FRAME, OPEN LID	879.23	874.40 12" SE 874.90 10" SW 874.40 12" NW



LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"



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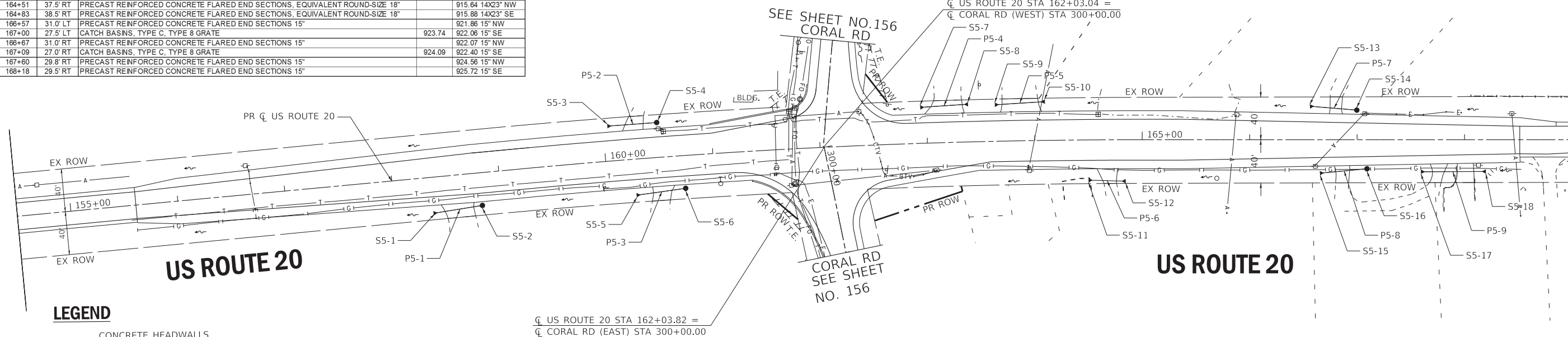
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES	
US ROUTE 20	
SCALE: 1" = 50'	SHEET 4 OF 10 SHEETS
STA. 116+50	TO STA. 131+50

F.A.P. RTE. 525	SECTION 2016-092B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 150
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWMI759	

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	R/W/EOP	INVERTS
S5-1	158+37	33.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		903.34 15' NW
S5-2	158+82	30.5' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	905.63	903.78 15' SE
S5-3	160+05	36.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		907.42 15' NW
S5-4	160+50	32.4' LT	CATCH BASINS, TYPE C, TYPE 8 GRATE	909.58	907.77 15' SE
S5-5	160+28	33.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		908.57 15' NW
S5-6	160+73	30.5' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	910.53	908.75 15' SE
S5-7	162+96	33.5' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		913.71 14X23" NW
S5-8	163+37	35.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		913.99 14X23" SE
S5-9	163+85	34.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		914.64 14X23" NW
S5-10	164+09	36.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		914.88 14X23" SE
S5-11	164+51	37.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		915.64 14X23" NW
S5-12	164+83	38.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 18"		915.88 14X23" SE
S5-13	166+57	31.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		921.88 15' NW
S5-14	167+00	27.5' LT	CATCH BASINS, TYPE C, TYPE 8 GRATE	923.74	922.06 15' SE
S5-15	166+67	31.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		922.07 15' NW
S5-16	167+09	27.0' RT	CATCH BASINS, TYPE C, TYPE 8 GRATE	924.09	922.40 15' SE
S5-17	167+60	29.8' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		924.56 15' NW
S5-18	168+18	29.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		925.72 15' SE

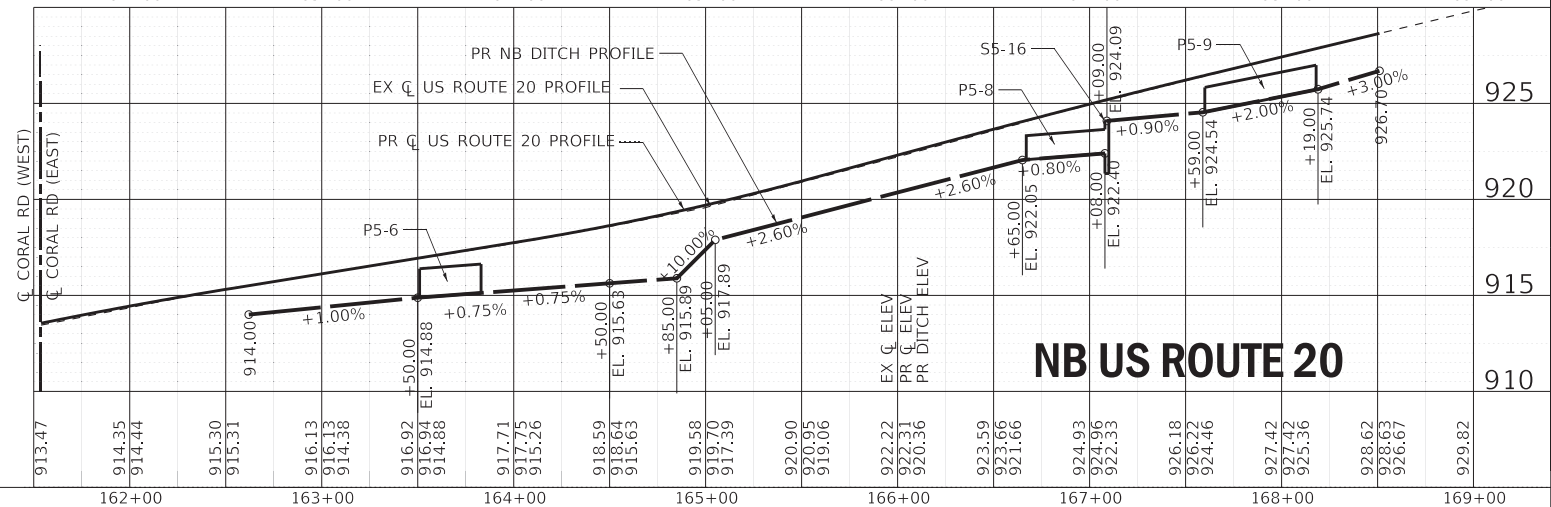
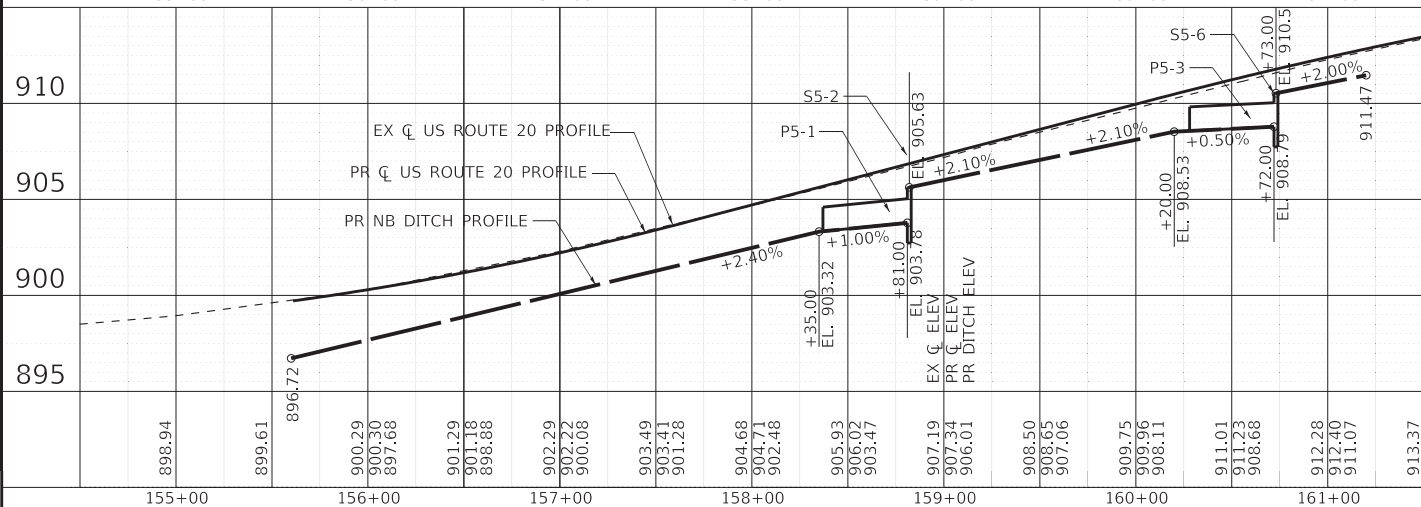
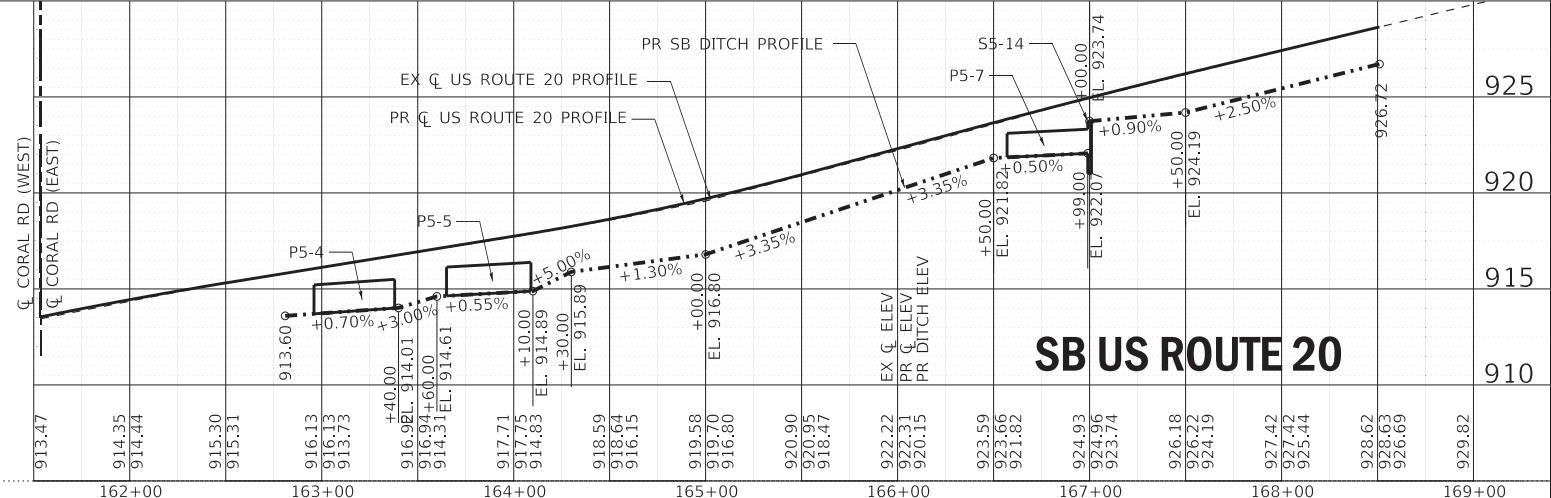
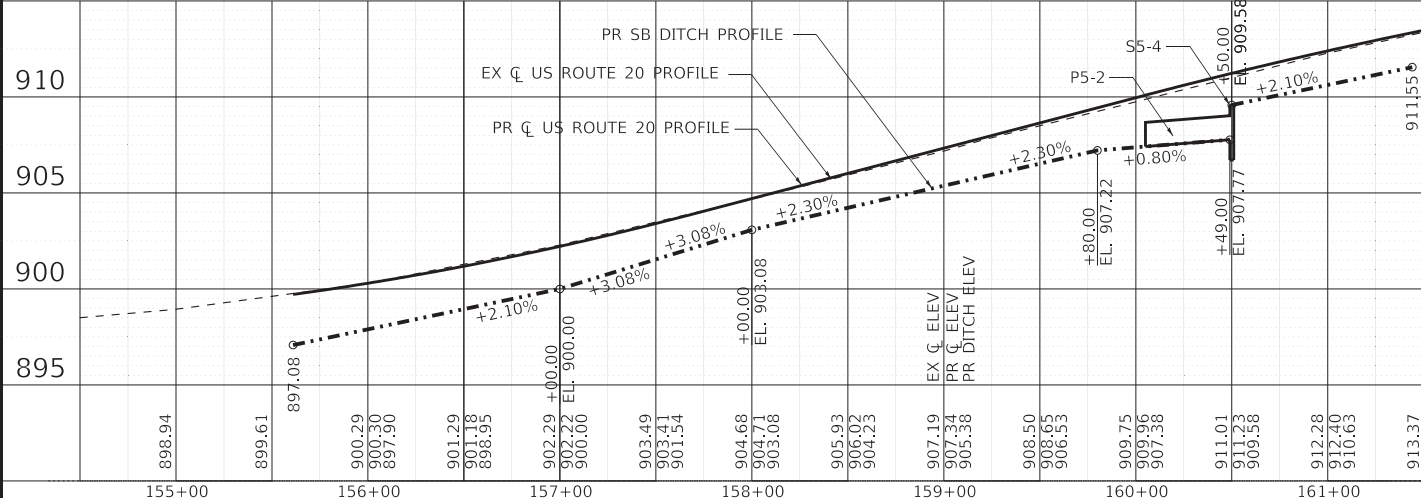
PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P5-1	S5-2	S5-1	PIPE CULVERTS, CLASS A, TYPE 1 15"	45	0.98%	6.0
P5-2	S5-4	S5-3	PIPE CULVERTS, CLASS A, TYPE 1 15"	45	0.78%	3.7
P5-3	S5-6	S5-5	PIPE CULVERTS, CLASS A, TYPE 1 15"	45	0.40%	2.8
P5-4	S5-8	S5-7	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	42	0.67%	14.0
P5-5	S5-10	S5-9	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 18"	44	0.55%	18.9
P5-6	S5-12	S5-11	STORM SEWERS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 18"	32	0.75%	33.5
P5-7	S5-14	S5-13	PIPE CULVERTS, CLASS A, TYPE 1 15"	43	0.47%	2.3
P5-8	S5-16	S5-15	PIPE CULVERTS, CLASS A, TYPE 1 15"	43	0.77%	2.1
P5-9	S5-18	S5-17	PIPE CULVERTS, CLASS A, TYPE 1 15"	58	2.00%	8.3



LEGEND

CONCRETE HEADWALLS FOR PIPE UNDERDRAINS

PIPE UNDERDRAINS, TYPE 2, 4"



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DEPARTMENT OF TRANSPORTATION**

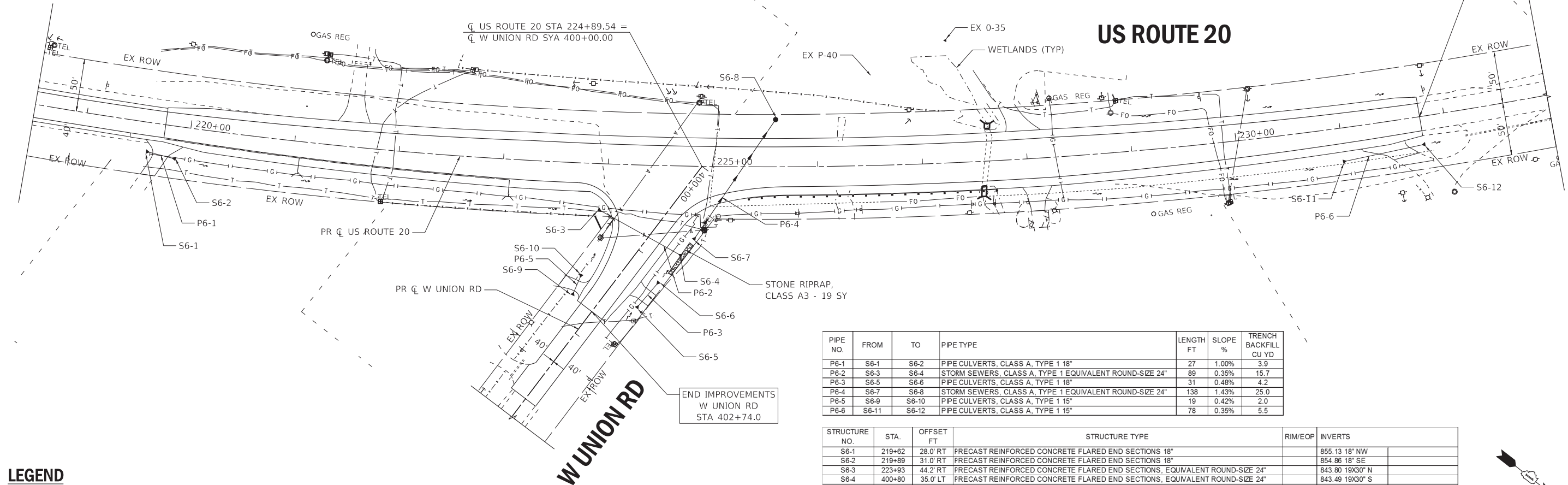
**DRAINAGE & UTILITIES
US ROUTE 20**

SCALE: 1" = 50' SHEET 5 OF 10 SHEETS STA. 154+50 TO STA. 169+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	151
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWMI(759)	

END IMPROVEMENTS
US ROUTE 20
STA 231+76.8

US ROUTE 20

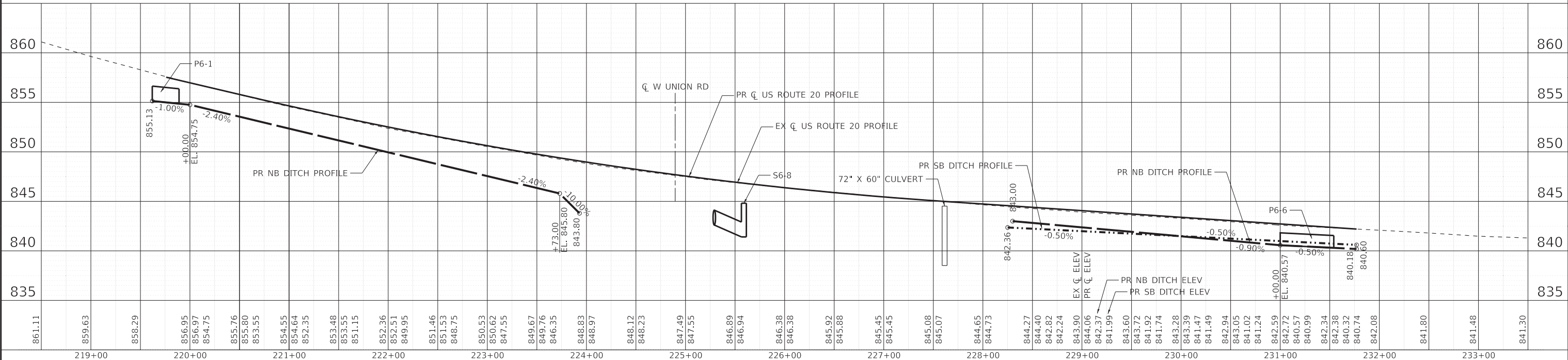
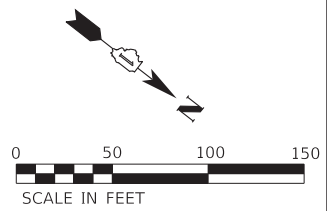


PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P6-1	S6-1	S6-2	PIPE CULVERTS, CLASS A, TYPE 1 18"	27	1.00%	3.9
P6-2	S6-3	S6-4	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	89	0.35%	15.7
P6-3	S6-5	S6-6	PIPE CULVERTS, CLASS A, TYPE 1 18"	31	0.48%	4.2
P6-4	S6-7	S6-8	STORM SEWERS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 24"	138	1.43%	25.0
P6-5	S6-9	S6-10	PIPE CULVERTS, CLASS A, TYPE 1 15"	19	0.42%	2.0
P6-6	S6-11	S6-12	PIPE CULVERTS, CLASS A, TYPE 1 15"	78	0.35%	5.5

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S6-1	219+62	28.0' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		855.13 18" NW
S6-2	219+89	31.0' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		854.86 18" SE
S6-3	223+93	44.2' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"		843.80 19X30" N
S6-4	400+80	35.0' LT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"		843.49 19X30" S
S6-5	401+44	32.0' LT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		843.96 18" W
S6-6	401+14	33.5' LT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		843.81 18" E
S6-7	400+60	36.0' LT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 24"		843.39 19X30" W
S6-8	225+60	45.0' RT	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	844.81	841.41 EX 24" NW 841.41 19X30" E
S6-9	401+72	29.0' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		844.98 15" W
S6-10	401+53	29.0' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		844.90 15" E
S6-11	231+00	32.0' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		840.57 15" NW
S6-12	231+54	26.8' RT	FRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		840.30 15" SE

LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"

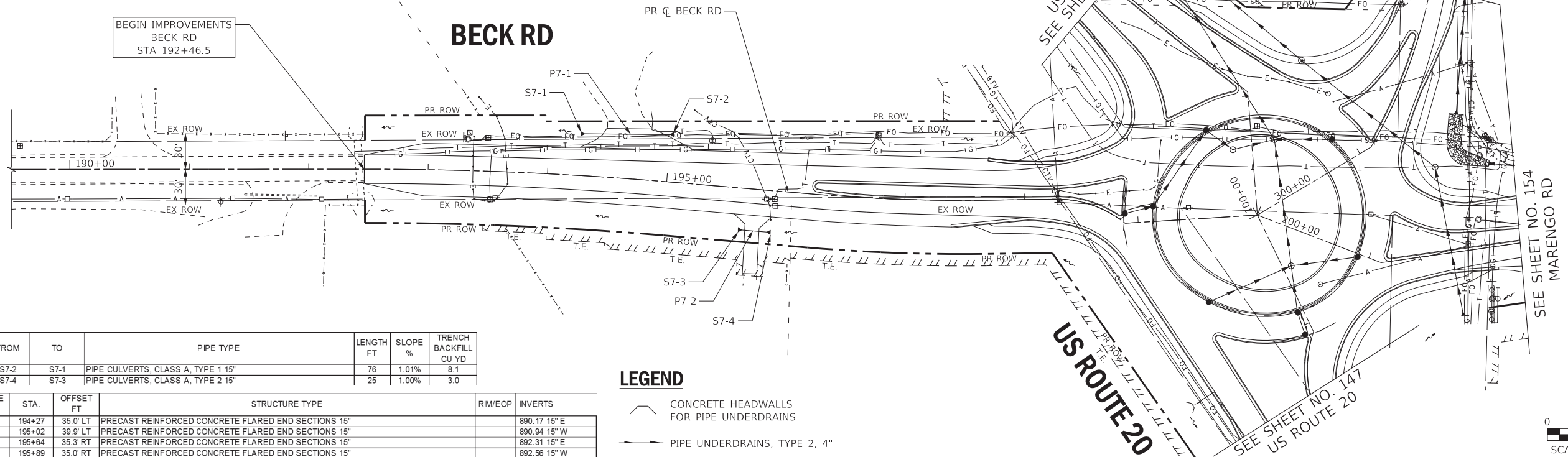


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	PLOT SCALE = 50.0000' / in.	CHECKED - JFM	REVISED -			SCALE: 1" = 50'	SHEET 6 OF 10 SHEETS	STA. 218+50 TO STA. 233+00	CONTRACT NO. 62D36	
PLOT DATE = 1/17/2020	DATE = 01-24-20	FILE = D162D36-sht-drain08_US20.dgn								

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BEGIN IMPROVEMENTS
BECK RD
STA 192+46.5

BECK RD

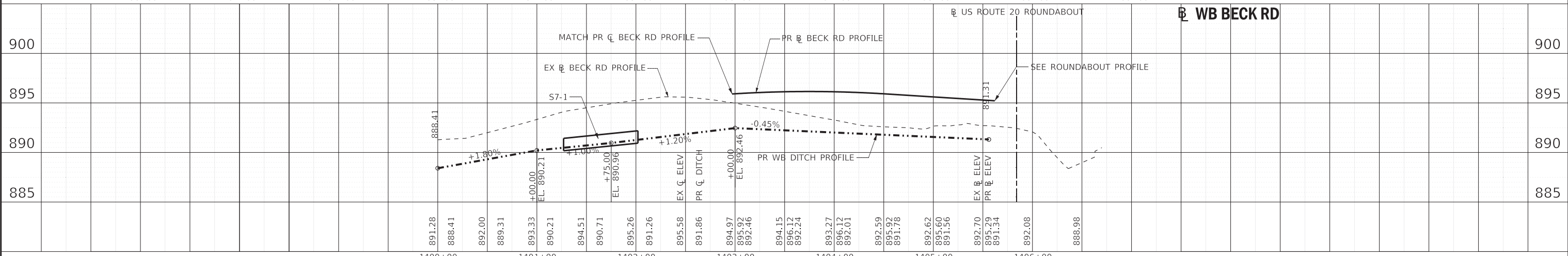
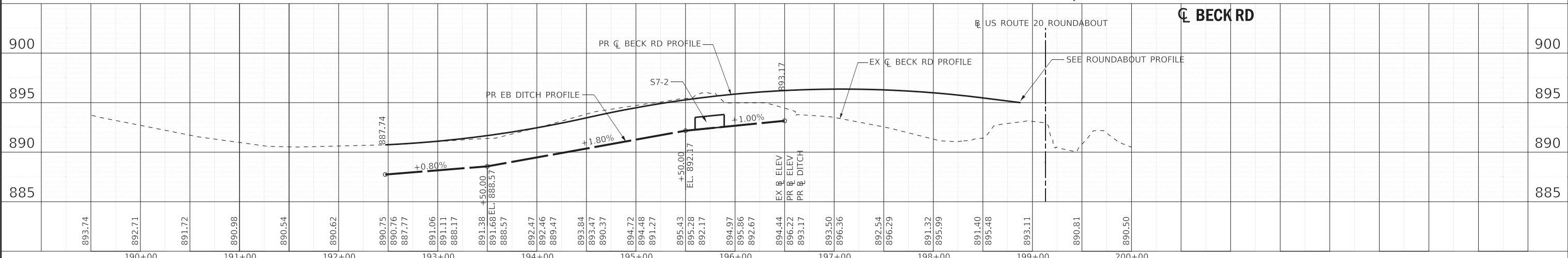
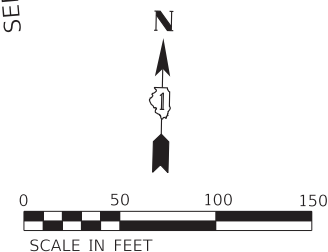


PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P7-1	S7-2	S7-1	PIPE CULVERTS, CLASS A, TYPE 1 15"	76	1.01%	8.1
P7-2	S7-4	S7-3	PIPE CULVERTS, CLASS A, TYPE 2 15"	25	1.00%	3.0

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S7-1	194+27	35.0' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		890.17 15" E
S7-2	195+02	39.9' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		890.94 15" W
S7-3	195+64	35.3' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		892.31 15" E
S7-4	195+89	35.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		892.56 15" W

LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"



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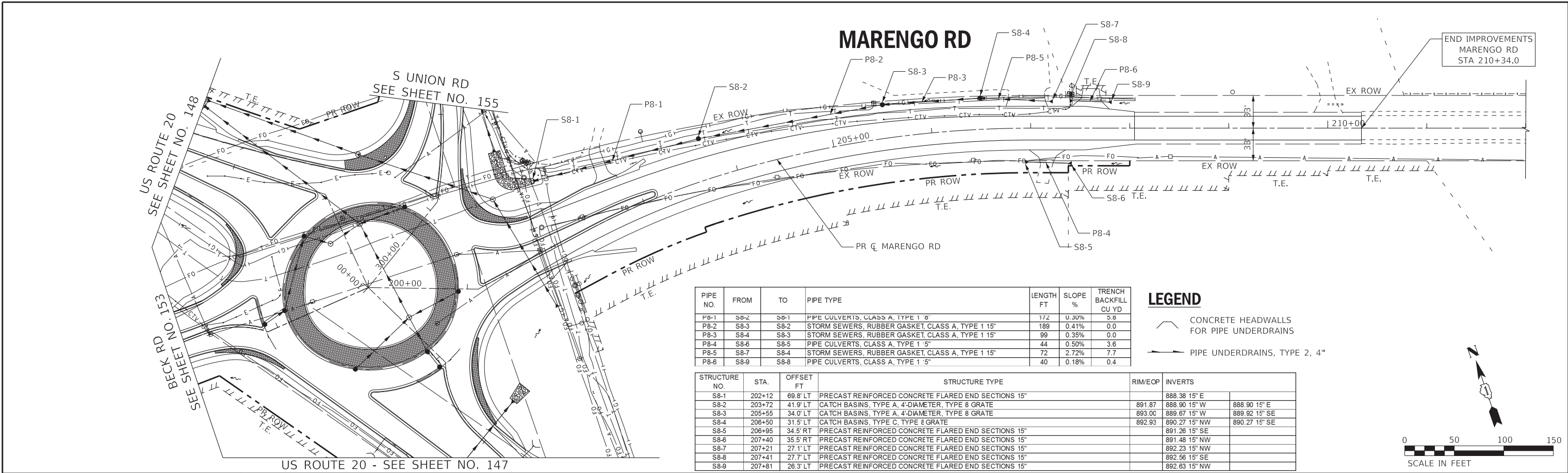
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES BECK RD

SCALE: 1" = 50' SHEET 7 OF 10 SHEETS STA. 189+50 TO STA. 200+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	153
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWI(759)	

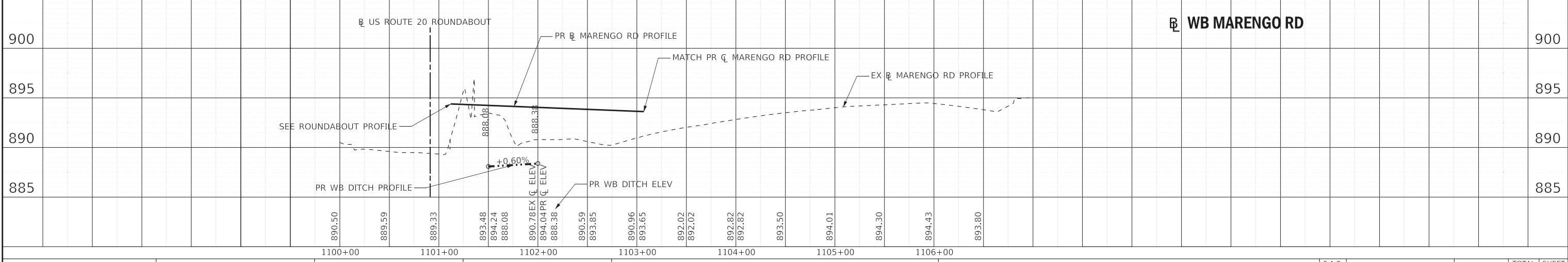
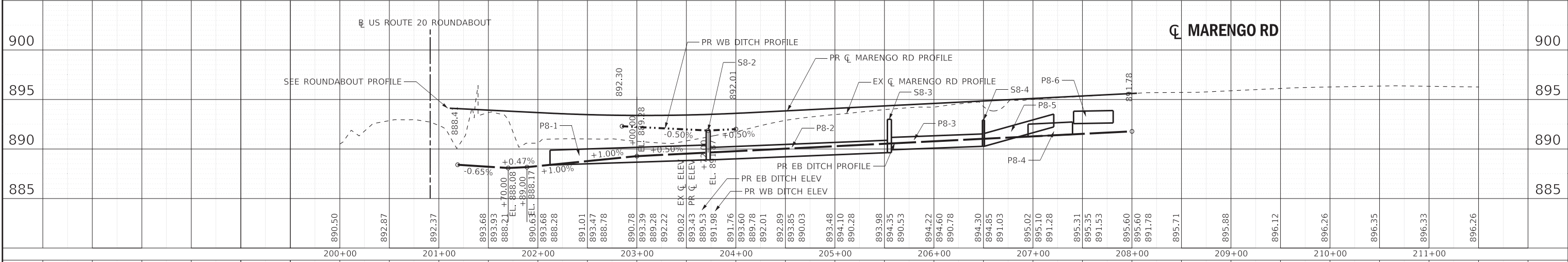


PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P8-1	S8-2	S8-1	PIPE CULVERTS, CLASS A, TYPE 1 8"	172	0.30%	5.8
P8-2	S8-3	S8-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	189	0.41%	0.0
P8-3	S8-4	S8-3	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	99	0.35%	0.0
P8-4	S8-6	S8-5	PIPE CULVERTS, CLASS A, TYPE 1 5"	44	0.50%	3.6
P8-5	S8-7	S8-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 15"	72	2.72%	7.7
P8-6	S8-9	S8-8	PIPE CULVERTS, CLASS A, TYPE 1 5"	40	0.18%	0.4

LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S8-1	202+12	69.8' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		888.38 15" E
S8-2	203+72	41.9' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	891.87	888.90 15" W 888.90 15" E
S8-3	205+55	34.0' LT	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	893.00	889.67 15" W 889.92 15" SE
S8-4	206+50	31.5' LT	CATCH BASINS, TYPE C, TYPE 8 GRATE	892.93	890.27 15" NW 890.27 15" SE
S8-5	206+95	34.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		891.26 15" SE
S8-6	207+40	35.5' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		891.48 15" NW
S8-7	207+21	27.1' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		892.23 15" NW
S8-8	207+41	27.7' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		892.56 15" SE
S8-9	207+81	26.3' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		892.63 15" NW



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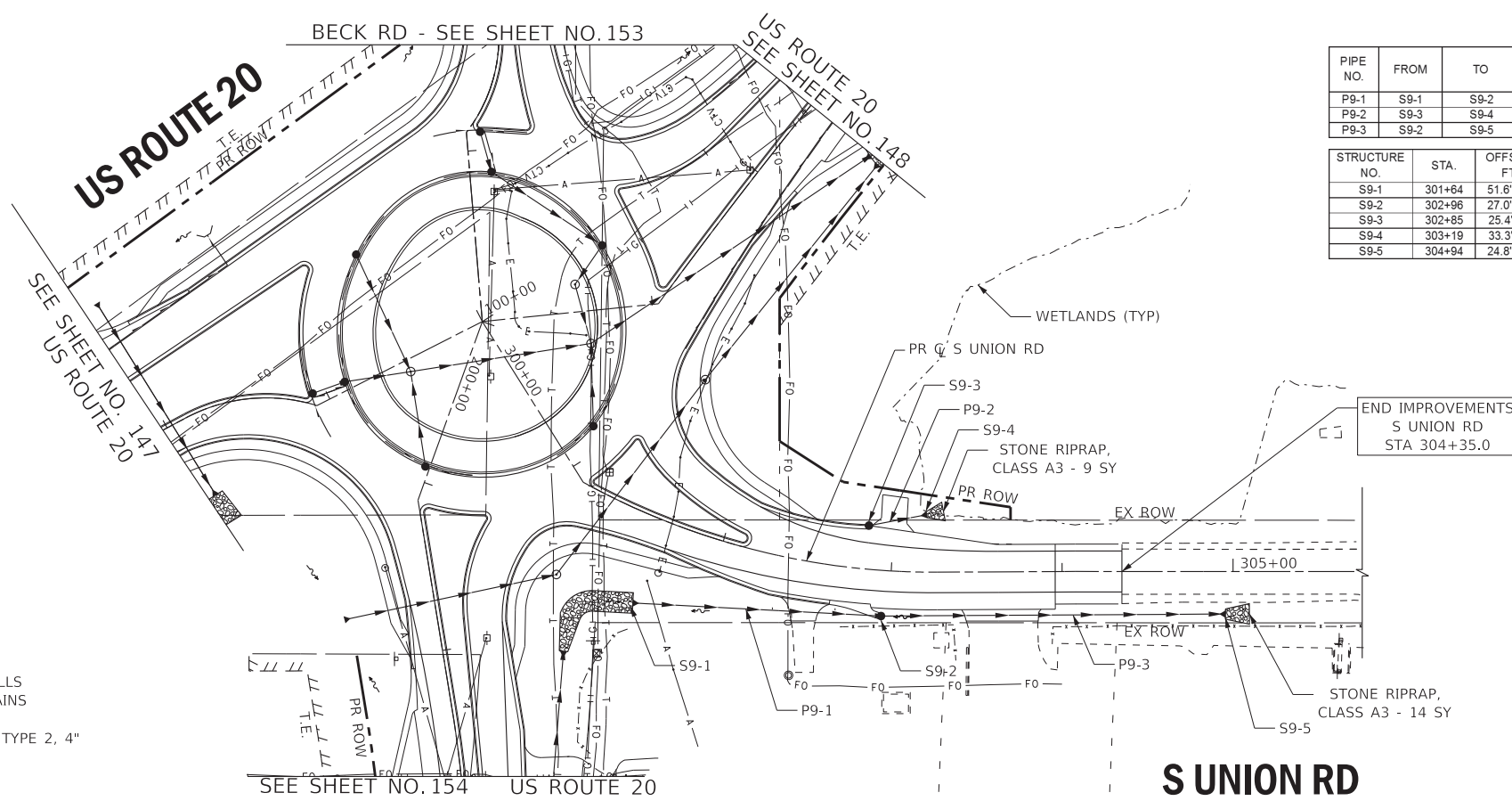
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DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
MARENGO RD

SCALE: 1" = 50' SHEET 8 OF 10 SHEETS STA. 189+50 TO STA. 200+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	154
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWI(759)	



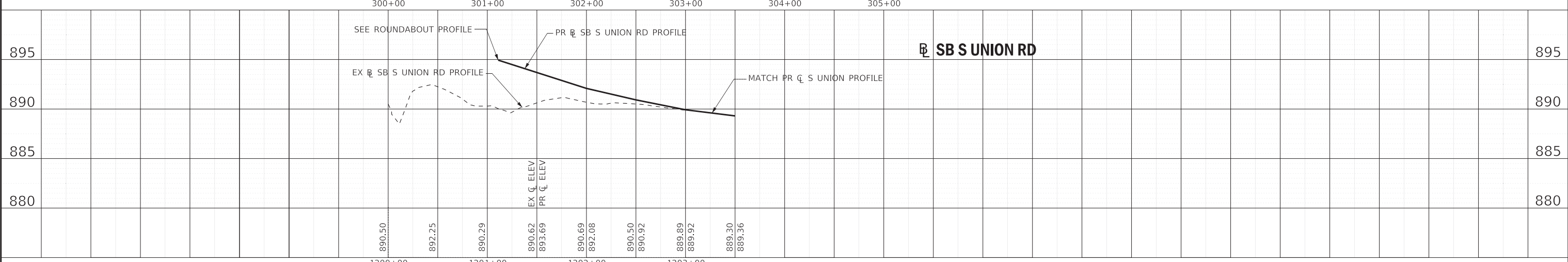
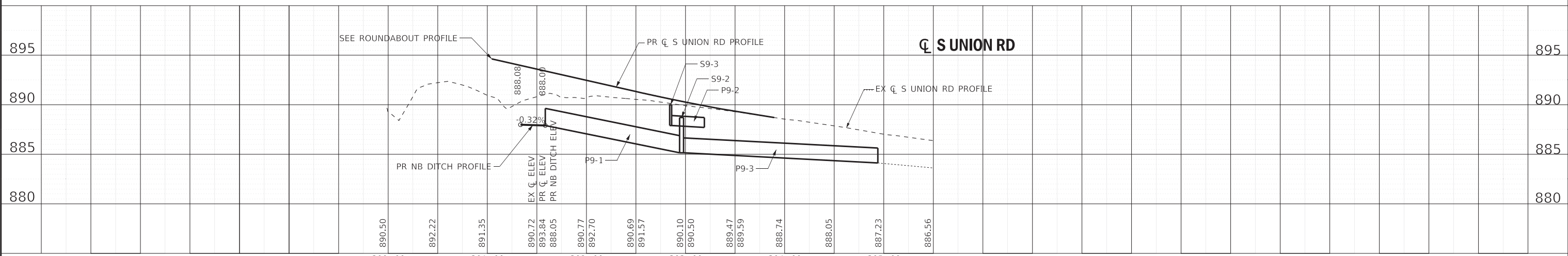
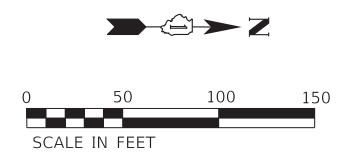
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P9-1	S9-1	S9-2	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	145	1.97%	5.5
P9-2	S9-3	S9-4	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	33	0.61%	3.6
P9-3	S9-2	S9-5	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 18"	200	0.52%	26.8

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S9-1	301+64	51.6' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		888.00 18" N
S9-2	302+96	27.0' RT	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	888.60	885.15 18" N 885.15 18" S
S9-3	302+85	25.4' LT	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	890.00	888.00 12" N 887.80 12" S
S9-4	303+19	33.3' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"		887.80 12" S
S9-5	304+94	24.8' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 18"		884.11 18" S

LEGEND

CONCRETE HEADWALLS FOR PIPE UNDERDRAINS

PIPE UNDERDRAINS, TYPE 2, 4"



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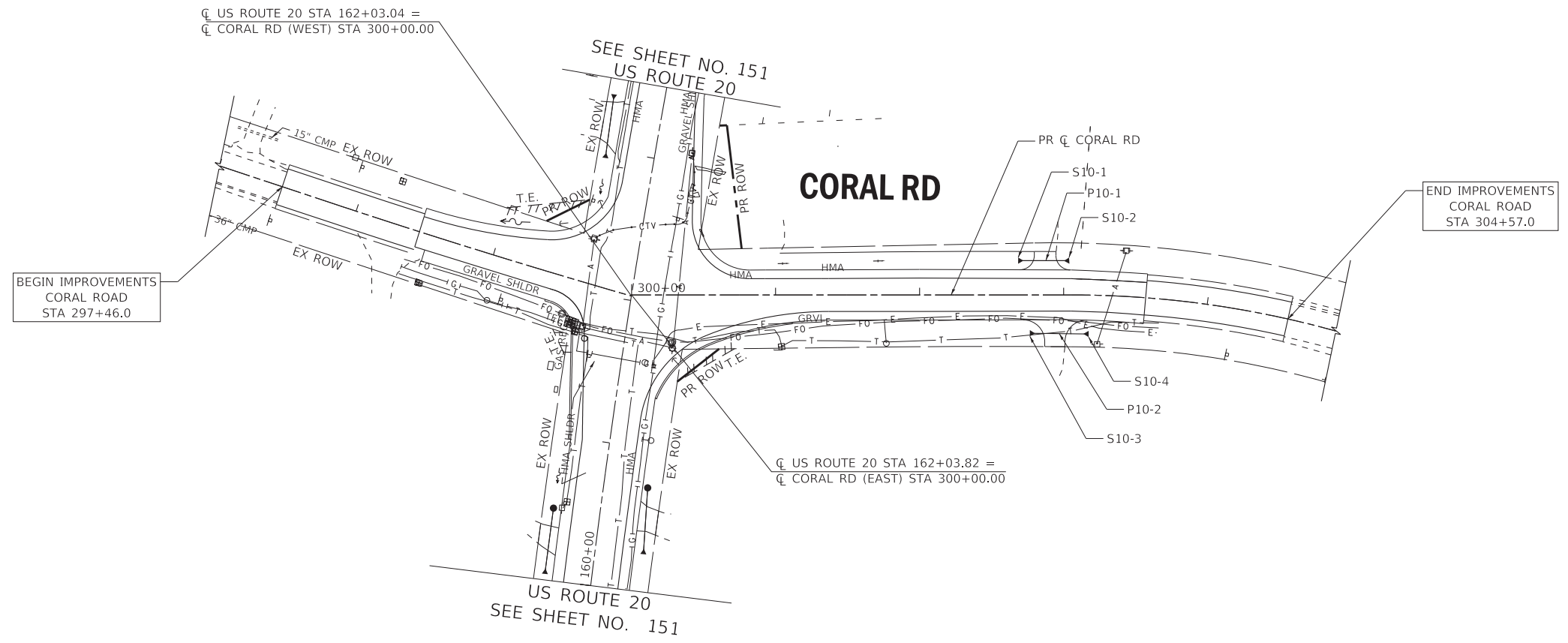
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DRAINAGE & UTILITIES
S UNION RD**

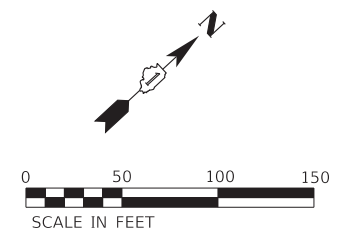
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	155
ILLINOIS FED. AID PROJECT GWI(759)			CONTRACT NO. 62D36	



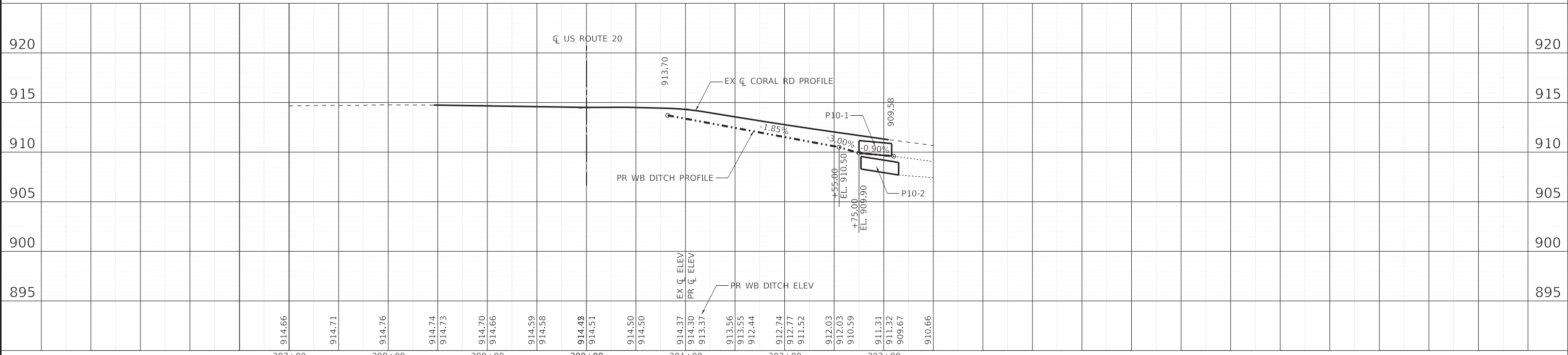
PIPE NO.	FROM	TO	PIPE TYPE	LENGTH FT	SLOPE %	TRENCH BACKFILL CU YD
P10-1	S10-1	S10-2	PIPE CULVERTS, CLASS A, TYPE 1 15"	33	0.91%	2.7
P10-2	S10-3	S10-4	PIPE CULVERTS, CLASS A, TYPE 1 15"	38	1.58%	0.9

STRUCTURE NO.	STA.	OFFSET FT	STRUCTURE TYPE	RIM/EOP	INVERTS
S10-1	302+75	21.5' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		909.90 15' NE
S10-2	302+98	21.8' LT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		909.60 15' SW
S10-3	302+77	28.6' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		908.31 15' NE
S10-4	303+17	27.0' RT	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 15"		907.71 15' SW



LEGEND

- CONCRETE HEADWALLS FOR PIPE UNDERDRAINS
- PIPE UNDERDRAINS, TYPE 2, 4"



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE & UTILITIES
CORAL RD

SCALE: 1" = 50' SHEET 10 OF 10 SHEETS STA. 297+00 TO STA. 305+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	2016-092B&R	MCHENRY	329	156
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

UTILITY OWNERS

AT&T
 ATTN: URMI PICONE
 1000 COMMERCE DRIVE
 OAK BROOK, IL 60523
 630-573-6484
 ub2591@att.com

NICOR GAS
 ATTN: BRUCE KOPPANG
 1844 FERRY ROAD
 NAPERVILLE, IL 60563
 630-388-3046
 bkoppang@southernco.com

COMCAST CABLE COMMUNICATIONS
 ATTN: ROBERT SCHULTER
 688 INDUSTRIAL DRIVE
 ELMHURST, IL 60126
 224-229-5861
 bob_schulter@cable.comcast.com

COMED
 ATTN: ANGELA HARRELL
 COMED PUBLIC RELOCATION
 LINCOLN CENTER ONE
 630-576-6185
 angela.harrell@comed.com

LEGEND

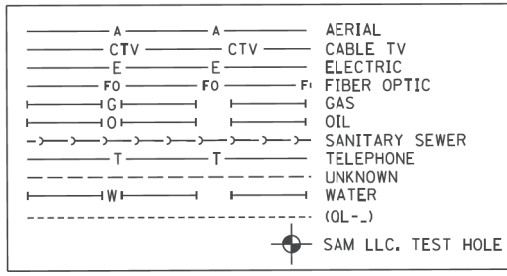
ALL UTILITY INFORMATION HEREON IS DEPICTED TO QUALITY LEVEL "B" (OL-B) UNLESS OTHERWISE NOTED. OL-B INFORMATION IS OBTAINED THROUGH THE APPLICATION OF APPROPRIATE SURFACE GEOPHYSICAL METHODS TO IDENTIFY THE EXISTENCE AND APPROXIMATE HORIZONTAL POSITION OF SUBSURFACE UTILITIES. OL-B DATA ARE REPRODUCIBLE BY SURFACE GEOPHYSICS AT ANY POINT OF THEIR DEPICTION. THIS INFORMATION IS SURVEYED TO APPLICABLE TOLERANCES AND REDUCED ONTO PLAN DOCUMENTS.

SIZE INFORMATION SHOWN HEREON IS TAKEN FROM AVAILABLE UTILITY RECORDS.

ABBREVIATIONS:
 GTS GAS TEST STATION
 (OL-C) DEPICTED ACCORDING TO RECORD INFORMATION AND EXISTING ASSOCIATED UTILITY STRUCTURES. NO ELECTRONIC INFORMATION WAS OBTAINED.
 (OL-D) DEPICTED ACCORDING TO RECORD INFORMATION. NO ELECTRONIC INFORMATION WAS OBTAINED.
 (DATFI) DEPICTED ACCORDING TO FIELD INSPECTION
 (FOI) FIBER OPTIC
 (AATUR) ABANDONED ACCORDING TO UTILITY RECORDS
 (AATFI) ABANDONED ACCORDING TO FIELD INSPECTION
 (EATFI) EMPTY ACCORDING TO FIELD INSPECTION
 EOI END OF ELECTRONIC DESIGNATING INFORMATION
 EORI END OF UTILITY RECORD INFORMATION
 (NAC) NO ASSOCIATED CABLE FOUND FROM UTILITY STRUCTURE
 (NAP) NO ASSOCIATED PIPING FOUND FROM UTILITY STRUCTURE
 E— UTILITY ENDPOINT

UNLESS OTHERWISE NOTED, UTILITY LINE LIMITS DEPICTED REPRESENT FIELD DESIGNATING LIMITS AND NOT ENDPOINTS OF UTILITIES. UTILITY INFORMATION LABELED "OL-C" OR "OL-D" IS DERIVED FROM FURNISHED RECORDS. SUCH INFORMATION MAY NOT BE ACCURATE OR RELIABLE. SAM LLC, EXPRESSLY DISCLAIMS RESPONSIBILITY FOR THE ACCURACY OR RELIABILITY OF UTILITY INFORMATION DEPICTED ACCORDING TO RECORDS.

ELECTRONIC DEPTH READINGS WERE TAKEN DIRECTLY FROM ELECTRONIC DESIGNATING INSTRUMENTS AND HAVE NOT BEEN VERIFIED BY ANY OTHER MEANS. EQUIPMENT MANUFACTURERS WILL NOT GUARANTEE AND ACCURACY FOR THIS DATA. THEREFORE, THE DEPTH READINGS ARE NOT TO BE CONSIDERED SUITABLE FOR DESIGN DECISIONS. SAM LLC, DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF RELIABILITY OF ANY ELECTRONIC DEPTH READINGS.



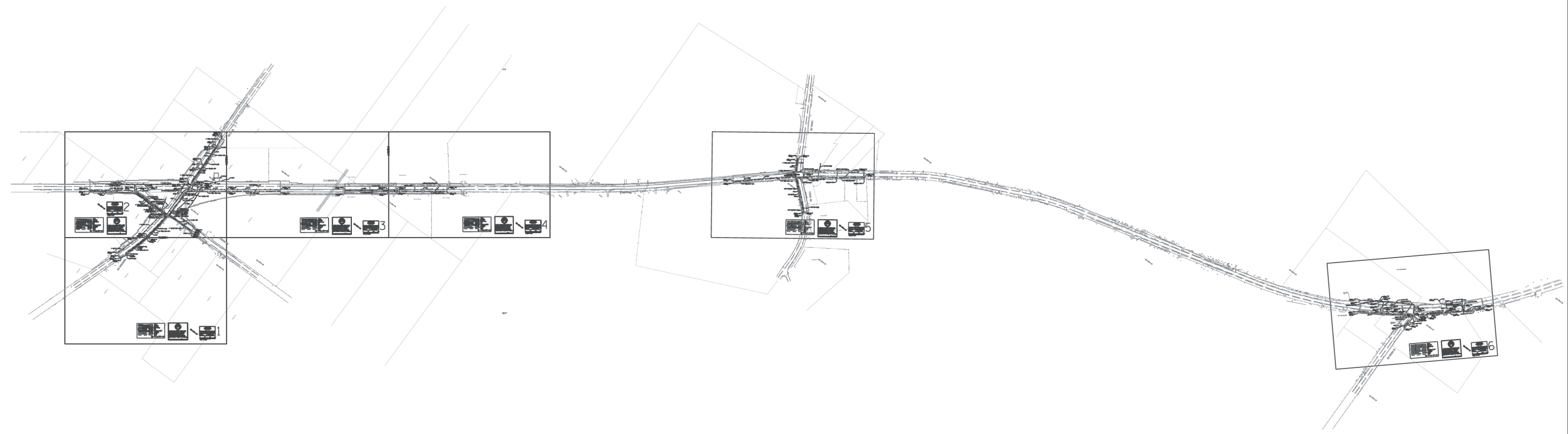
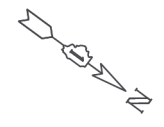
ILLINOIS
 SCOTT ALLEN WECHTER
 REG. 02-94208

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____

SAM
 800 East Avenue, Morrisville, NC 27561
 Tel: 754.343.0000 Fax: 754.343.2997
 www.samllc.com

D162D36-SUE.DGN Designated By: P.H.
 Drafted By: B.S.
 Sheet: COVER Checked By: S.W.
 Date: 2-13-2018
 SIXG244

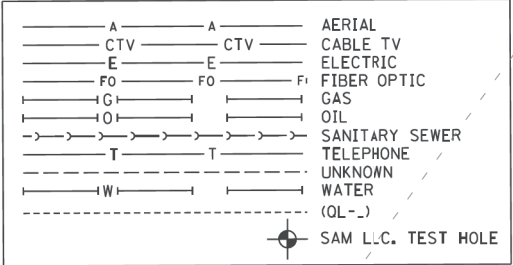
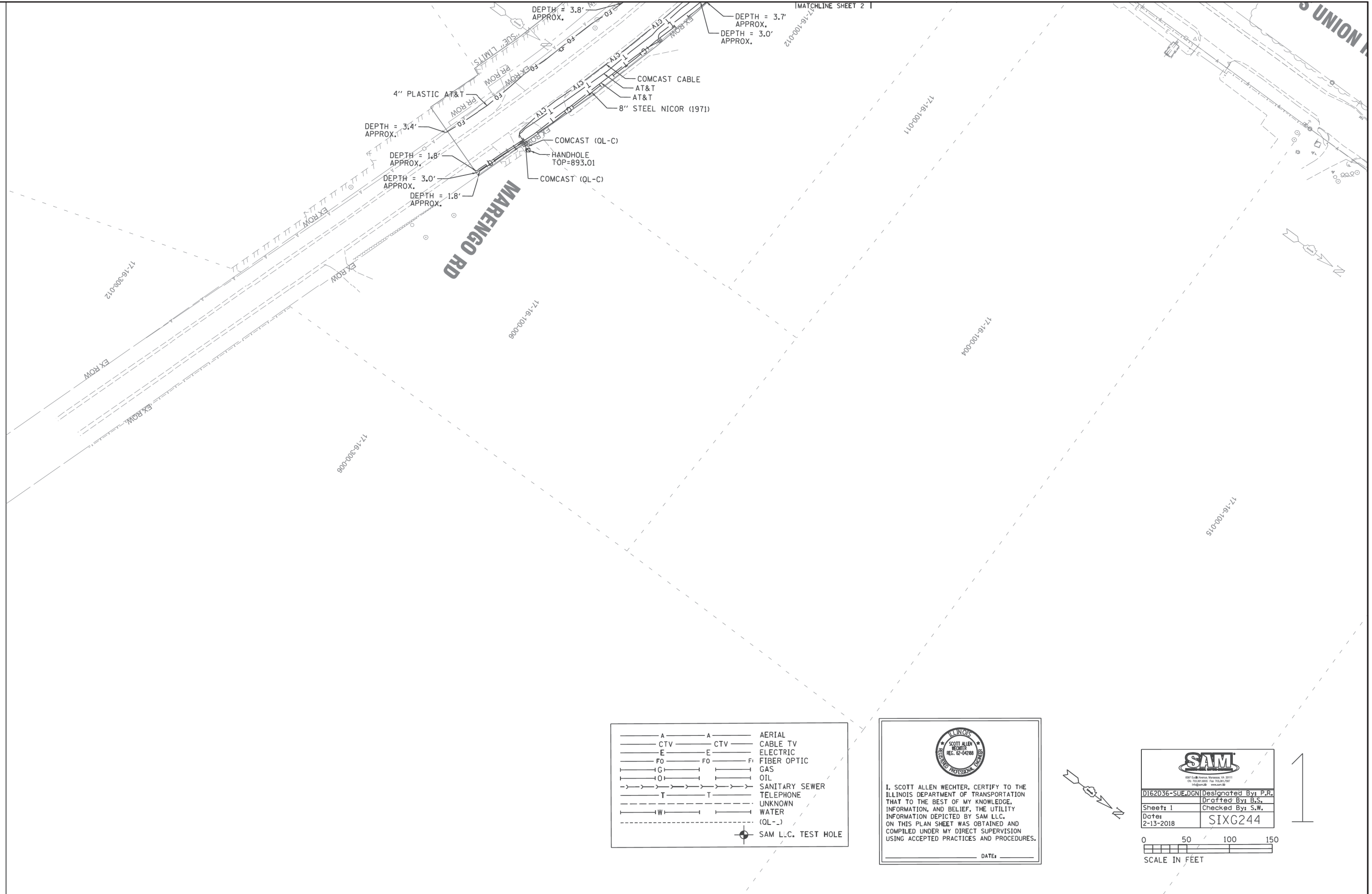



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	USER NAME = 560KAR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUE STUDY	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -			525	2016-092B&R	MCHENRY	329	157
PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -	FILE - D162D36-sht-SUE.dgn	SCALE:	SHEET 1 OF 7 SHEETS	STA.	TO STA.	CONTRACT NO. 62D36		
	DATE - 01-24-20							ILLINOIS FED. AID PROJECT GWI(759)		

S UNION

MATCHLINE SHEET 2 |




 I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____


 0162036-SUE.DGN Designated By: P.R.
 Drafted By: B.S.
 Sheet: 1 Checked By: S.W.
 Date: 2-13-2018
 SIXG244



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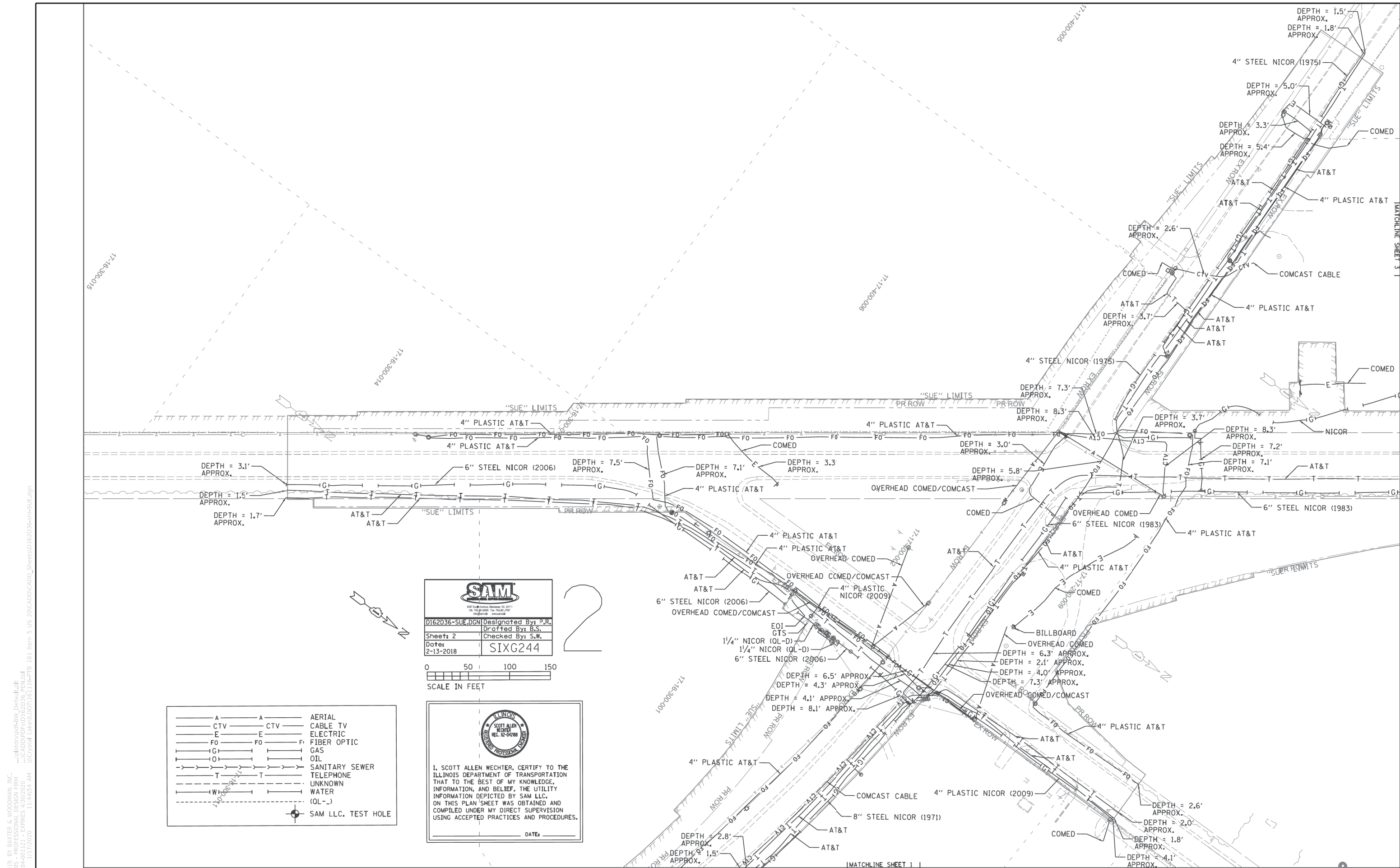
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PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
	DATE - 01-24-20	FILE - D162D36-sht-SUE.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE STUDY

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	158
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				



SAM
 607 East Avenue, Suite 100, St. Louis, MO 63101
 (314) 433-1000
 www.samllc.com

D162D36-SUE.DGN	Designated By: P.R.
Sheet: 2	Drafted By: B.S.
Dates: 2-13-2018	Checked By: S.W.
	SIXG244



ILLINOIS
 SCOTT ALLEN WECHTER
 REGISTERED PROFESSIONAL ENGINEER
 REG. NO. 02-042888

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____

— A —	A	AERIAL
— CTV —	CTV	CABLE TV
— E —	E	ELECTRIC
— FO —	FO	FIBER OPTIC
— G —	G	GAS
— O —	O	OIL
— T —	T	SANITARY SEWER
— W —	W	TELEPHONE
— W —	W	UNKNOWN
— W —	W	WATER
— (OL -) —	(OL -)	(OL -)
⊙		SAM LLC. TEST HOLE

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CK RD

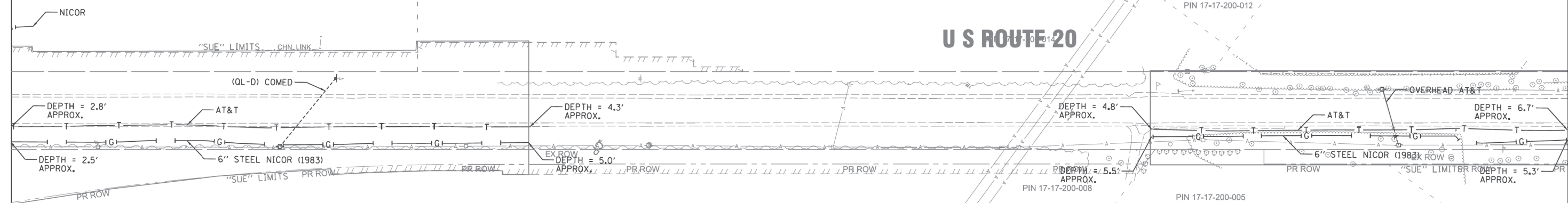
MATCHLINE SHEET 2

17-17-200-015

17-17-200-014

MATCHLINE SHEET 4

U S ROUTE 20



— A —	A	AERIAL
— CTV —	CTV	CABLE TV
— E —	E	ELECTRIC
— FO —	FO	FIBER OPTIC
— G —	G	GAS
— O —	O	OIL
— T —	T	SANITARY SEWER
— T —	T	TELEPHONE
— W —	W	UNKNOWN
— W —	W	WATER
— (OL -) —	(OL -)	(OL -)
⊙		SAM LLC. TEST HOLE

ILLINOIS
SCOTT ALLEN WECHTER
 REG. 62-042868
 ENGINEER

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____

SAM
 6897 South Avenue, Moline, IA 52111
 OK TELEPHONE Fax 732.301.2507
 ENGINEERING PROFESSIONAL CORPORATION

D162D36-SUE.DGN Designated By: P.R.
 Drafted By: B.S.
 Sheet: 3 Checked By: S.W.
 Date: 2-13-2018 SIXG244



3

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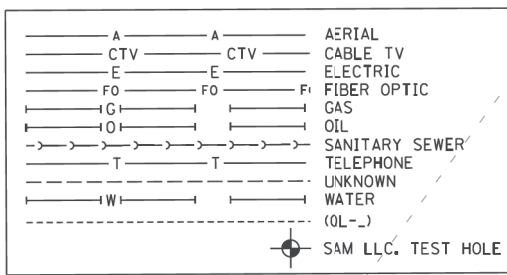
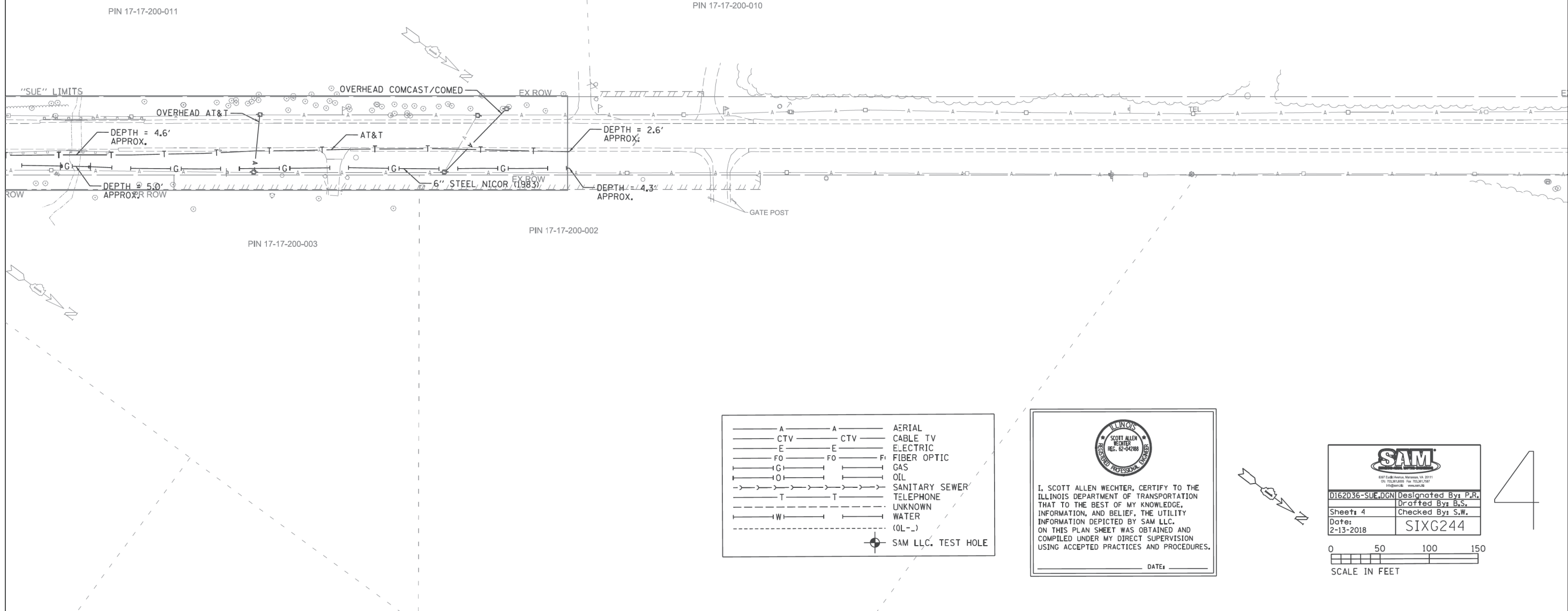
BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
	PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-SUE.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE STUDY	
SCALE:	SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	160
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1(759)				

MATCHLINE SHEET 3



I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC, ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____

2017-2018 Member, November 13, 2017
 2017-2018 Member, February 13, 2018
 2017-2018 Member, May 13, 2018
 2017-2018 Member, August 13, 2018

D162D36-SUE.DGN	Designated By: P.R.
Sheet: 4	Drafted By: B.S.
Date: 2-13-2018	Checked By: S.W.
	SIXG244



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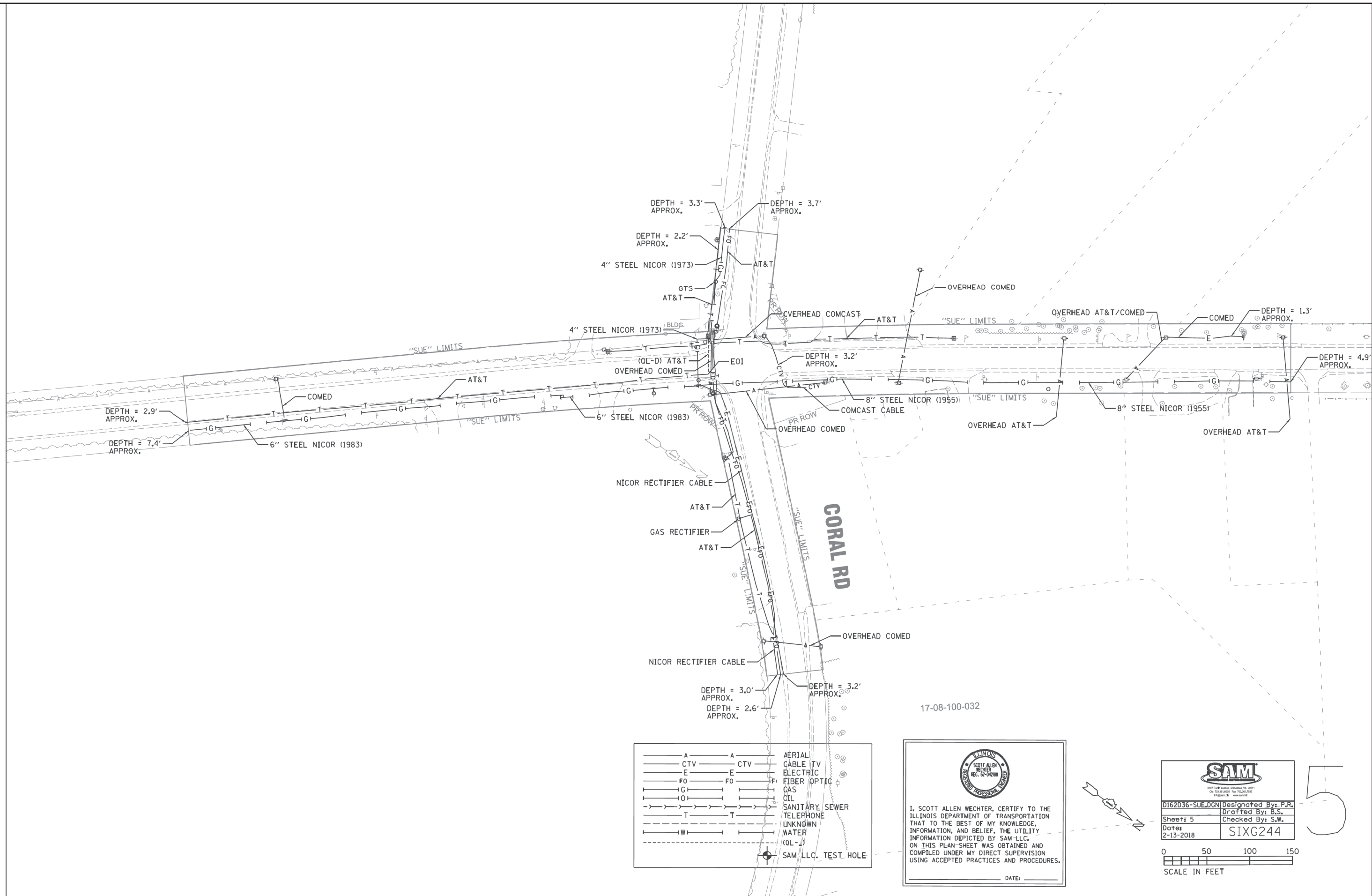
	USER NAME = 560KAR	DESIGNED -	REVISED -
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	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-SUE.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION


SUE STUDY
 SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	161
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

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— A —	A	AERIAL
— CTV —	CTV	CABLE TV
— E —	E	ELECTRIC
— FO —	FO	FIBER OPTIC
— G —	G	GAS
— O —	O	OIL
— S —	S	SANITARY SEWER
— T —	T	TELEPHONE
— W —	W	UNKNOWN WATER
— (OL -) —	(OL -)	(OL -)
●		SAM LLC. TEST HOLE

17-08-100-032

 I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.
 DATE: _____

SAM	
<small>607 East Avenue, Metropolis, IL 62454 618.347.4000 Fax 618.347.2907 www.sam-llc.com</small>	
D162D36-SUE.DGN	Designed By: P.R.
Sheet: 5	Drafted By: B.S.
Date: 2-13-2018	Checked By: S.W.
SIXG244	



BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
	PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-SUE.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

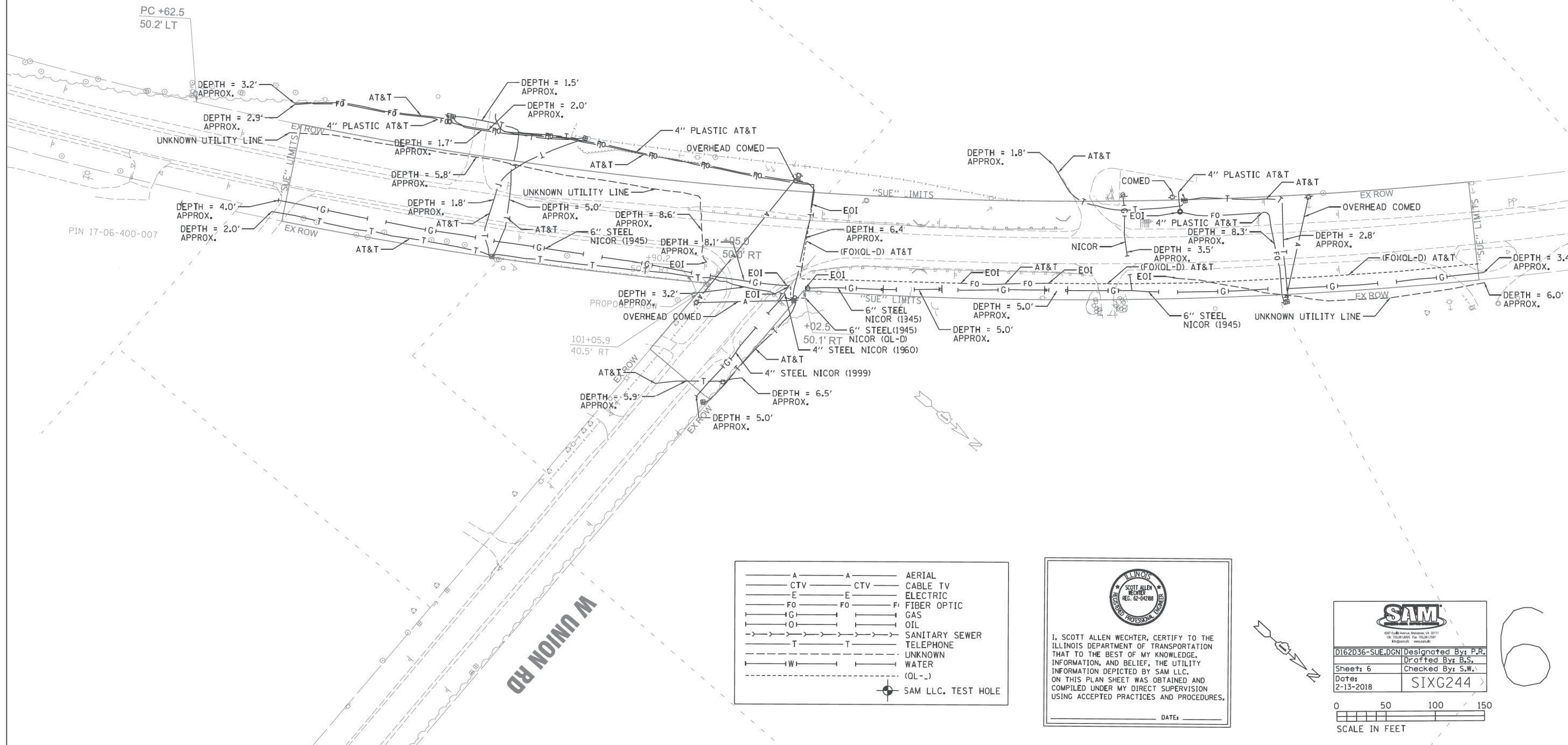
SUE STUDY	
SCALE:	SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	162
CONTRACT NO. 62D36				
<small>ILLINOIS FED. AID PROJECT GWI(759)</small>				

5

PIN 17-06-400-020

PC +62.5
50.2' LT



— A — A —	AERIAL
— CTV — CTV —	CABLE TV
— E — E —	ELECTRIC
— FO — FO —	FIBER OPTIC
— G — G —	GAS
— O — O —	OIL
— T — T —	SANITARY SEWER
— T — T —	TELEPHONE
— — — —	UNKNOWN
— W — W —	WATER
— (QL-) —	(QL-)
⊙	SAM LLC. TEST HOLE

ILLINOIS REGISTERED PROFESSIONAL ENGINEER
 SCOTT ALLEN WECHTER
 REG. 62-94288

I, SCOTT ALLEN WECHTER, CERTIFY TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE UTILITY INFORMATION DEPICTED BY SAM LLC. ON THIS PLAN SHEET WAS OBTAINED AND COMPILED UNDER MY DIRECT SUPERVISION USING ACCEPTED PRACTICES AND PROCEDURES.

DATE: _____

SAM	
6201 East Avenue, Moline, IL 61701 662-521-2200 www.samllc.com	
D162D36-SUE.DGN	Designated By: P.R.
Sheet: 6	Drafted By: B.S.
Date: 2-13-2018	Checked By: S.W.
	SIXG244



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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
		DRAWN - CJC	REVISED -
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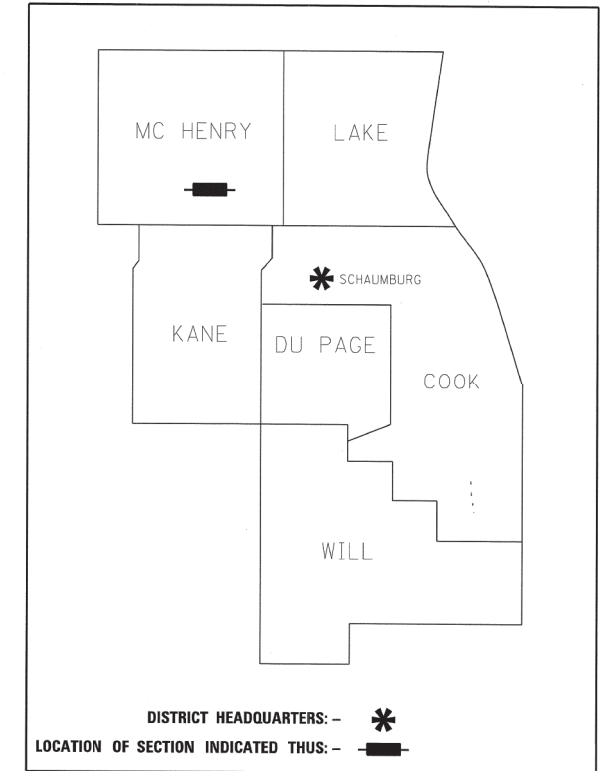
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUE STUDY	
SCALE:	SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	163
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

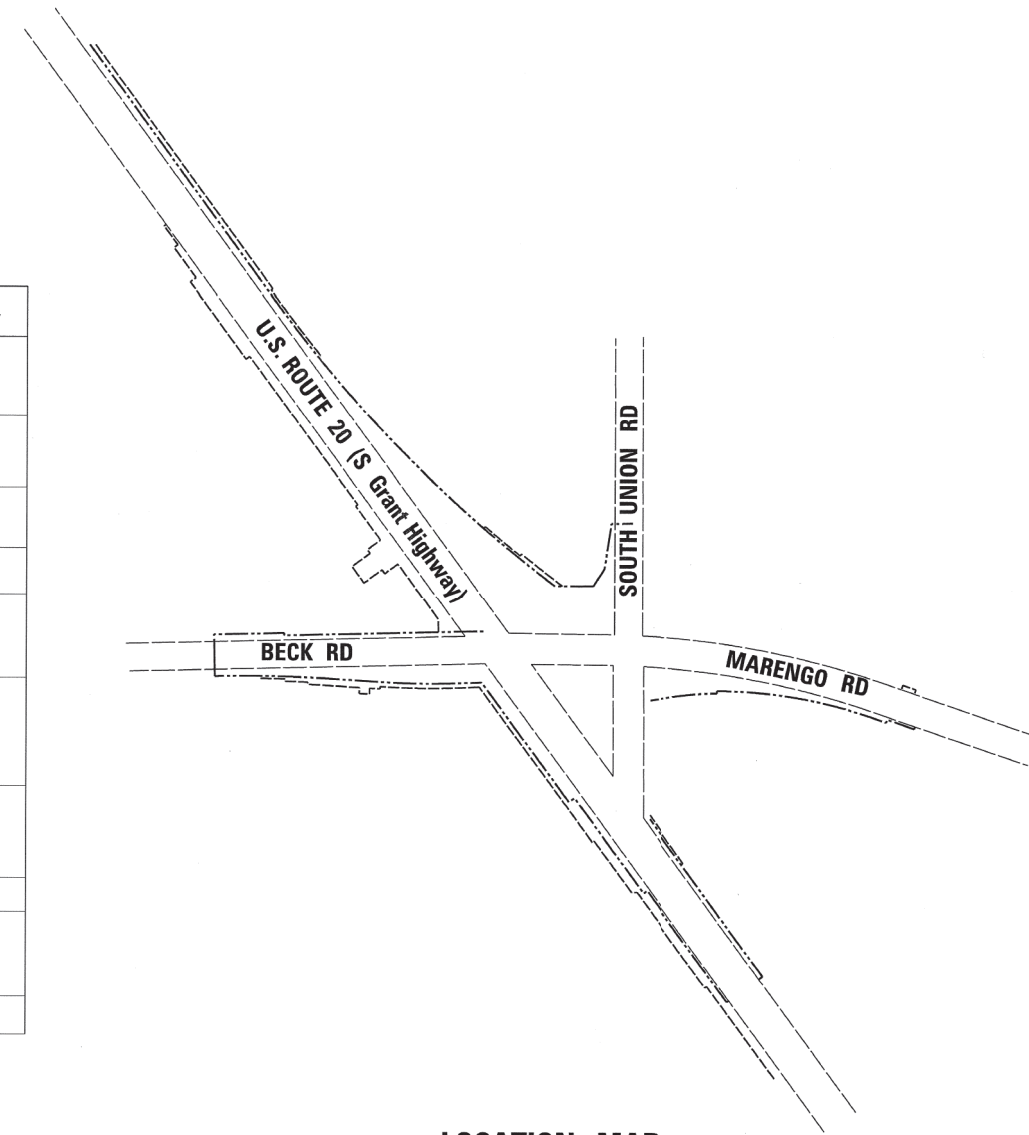
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

ROUTE: U.S. ROUTE 20 (S Grant Highway)
SECTION:
COUNTY: MCHENRY
LIMITS: MARENGO ROAD/U.S. ROUTE 20
JOB NO.: R-91-044-13



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PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1M90001A 1M90001B 1M90001TE-A 1M90001TE-B	James G. Powers	2, 3 & 7	
1M90002 1M90002TE	Wm G. Raysa, as trustee of the Glenn Lawton Powers Trust as to an undivided 1/2 Powers Trust as to an undivided 1/2 interest; and Wm G. Raysa, as Trustee of the Julie Ellen Powers Trust, as to an undivided 1/2 interest	2, 3 & 7	
1M90003	Carol I. Lohmann, as trustee under a trust agreement dated, June 8, 2011, and known as the Carol I. Lohmann Revocable Trust	3 & 8	
1M90004 1M90004TE	RR Family LLC, as Illinois Limited Liability company	3, 5, 6 & 8	
1M90005A 1M90005B 1M90005TE	Ervin G. Boeldt, divorced and not since married, and Kenneth W. Boeldt, married, as Joint Tenants	2, 4 & 7	
1M90006 1M90006TE-A 1M90006TE-B	Joyce H. Bauman as Trustee under Trust Agreement dated May 5, 2009, known as the Joyce H. Bauman Declaration of Trust No. 2009-08 as to an undivided 1/2 interest and Ronald E. Bauman as Trustee under Trust Agreement dated May 5, 2009 known as the Ronald E. Bauman Declaration of Trust No. 2009-02 as to an undivided 1/2 interest	5, 6 & 8	
1M90007 1M90007TE-A 1M90007TE-B	John J. Kelly, as Trustee under the John J. Kelly Declaration of Trust dated October 25, 1988, as to an undivided 1/2 interest, and Mary P. Kelly, as Trustee under the Mary P. Kelly Declaration of Trust dated October 25, 1988, as to an undivided 1/2 interest	4 & 7	
1M90008TE	Randall C. Danley	4 & 7	
1M90009	Home State Bank, National Association As Trustee Under Trust No. 4742	3 & 7	
1M90010	L.C. Danley & Sons, Amusement Enterprises, Inc., an Illinois corporation	3 & 7	



LOCATION MAP

IDOT USE ONLY

RECEIVED

AUG 30 2018

PLATS & LEGALS

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BAXTER & WOODMAN
Consulting Engineers

USER NAME = 560KAR	DESIGNED -	REVISED -
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAT OF HIGHWAYS

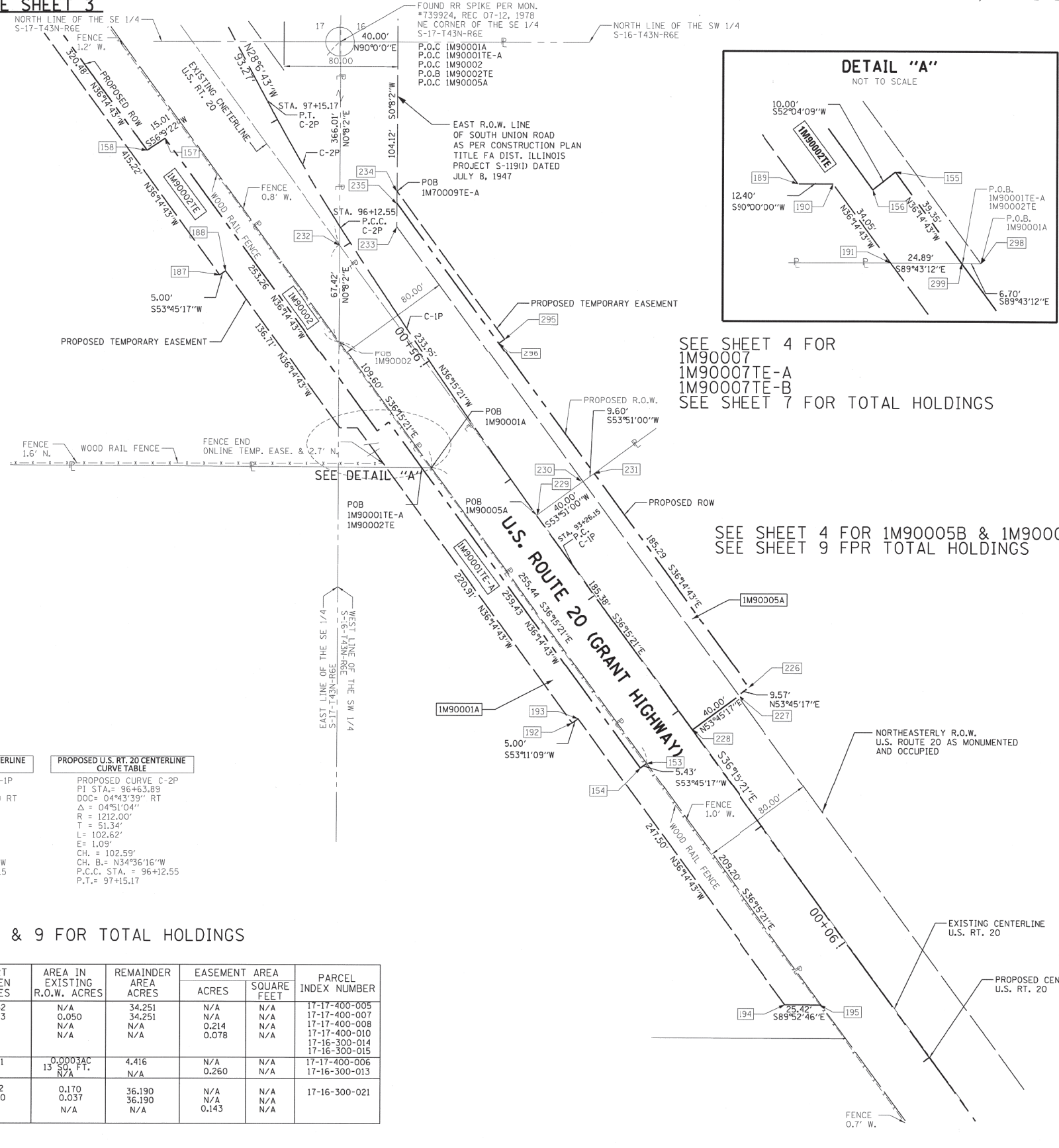
SCALE: N.T.S. SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	164
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

PART OF THE SOUTHWEST QUARTER OF SECTION 16 AND THE NORTHEAST QUARTER SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

SEE SHEET 3

PROJECT COORDINATES Illinois State Plane, East Zone, NAD 83 (2011)			
COORDINATE TABLE			
153	91+83.48	39.57 LT	2016327.00
154	91+83.48	45.00 LT	2016323.79
155	94+80.81	47.41 LT	2016564.75
156	94+80.21	57.40 LT	2016558.60
157	97+25.32	75.60 LT	2016752.85
158	97+23.82	90.54 LT	2016754.49
187	96+29.61	89.53 LT	2016667.90
188	96+29.95	84.54 LT	2016670.85
189	94+96.47	77.95 LT	2016560.60
190	94+89.58	67.71 LT	2016560.60
191	94+56.00	66.71 LT	2016533.14
192	92+36.80	65.00 LT	2016354.97
193	92+36.85	60.00 LT	2016357.97
194	89+89.35	60.00 LT	2016158.36
195	89+74.34	39.53 LT	2016158.36
226	91+83.48	50.00 RT	2016379.96
227	91+83.48	40.43 RT	2016374.30
228	91+83.48	0.43 RT	2016350.65
229	93+68.85	0.22 RT	2016500.14
230	93+69.13	40.21 RT	2016523.73
231	93+69.20	49.82 RT	2016529.40
232	96+02.54	7.30 LT	2016688.79
233	95+91.56	33.36 RT	2016701.84
234	96+12.38	46.89 RT	2016726.53
235	96+05.26	42.28 RT	2016718.10
295	94+83.48	52.55 RT	2016623.51
296	94+83.48	47.55 RT	2016620.68
298	94+38.01	40.88 LT	2016532.98
299	94+41.84	46.35 LT	2016533.01



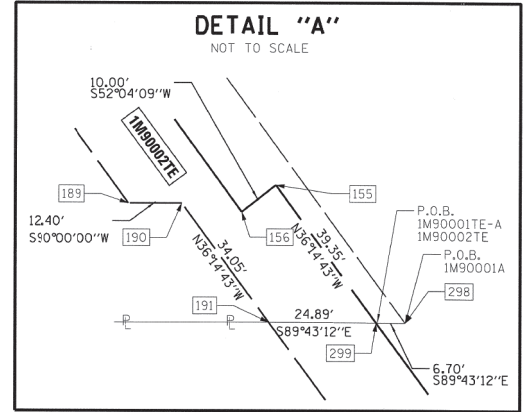
SEE SHEET 4 FOR
1M90007
1M90007TE-A
1M90007TE-B
SEE SHEET 7 FOR TOTAL HOLDINGS

SEE SHEET 4 FOR 1M90005B & 1M90005TE-B
SEE SHEET 9 FOR TOTAL HOLDINGS

PROPOSED U.S. RT. 20 CENTERLINE CURVE TABLE		PROPOSED U.S. RT. 20 CENTERLINE CURVE TABLE	
PROPOSED CURVE C-1P	DOC = 01°08'45"	PROPOSED CURVE C-2P	PI STA. = 96+63.89
PI STA. = 94+69.39 RT	Δ = 03°16'55"	DOC = 04°43'39" RT	Δ = 04°51'04"
R = 5000.00'	T = 143.24'	R = 1212.00'	T = 51.34'
L = 286.41'	E = 2.05'	L = 102.62'	E = 1.09'
CH. = 286.37'	CH. B. = N34°36'15"W	CH. = 102.59'	CH. B. = N34°36'16"W
P.C. STA. = 93+26.15	P.C.C. = 96+12.55	P.C.C. STA. = 96+12.55	P.T. = 97+15.17

SEE SHEET 7, 8 & 9 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1M90001A	34.556	0.032	N/A	34.251	N/A	N/A	17-17-400-005
1M90001B		0.273	0.050	34.251	N/A	N/A	17-17-400-007
1M90001TE-A		N/A	N/A	N/A	0.214	N/A	17-17-400-008
1M90001TE-B		N/A	N/A	N/A	0.078	N/A	17-17-400-010
1M90002	4.967	0.551	0.0003AC	4.416	N/A	N/A	17-17-400-006
1M90002TE		N/A	N/A	N/A	0.260	N/A	17-16-300-013
1M90005A	36.442	0.212	0.170	36.190	N/A	N/A	17-16-300-021
1M90005B		0.040	0.037	36.190	N/A	N/A	
1M90005TE		N/A	N/A	N/A	0.143	N/A	



LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ MAG'NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW SURFACE TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREIN REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID".

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16 AND SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
 SECTION: JOB NO.: R-91-044-13
 STA. 89+00 TO STA. 98+00 (U.S. RT. 20 STATIONING)
 SCALE: 1"=40' SHEET 2 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

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USER NAME	DESIGNED	REVISION
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	DRAWN - CJC	REVISION -
	CHECKED - JFM	REVISION -
	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

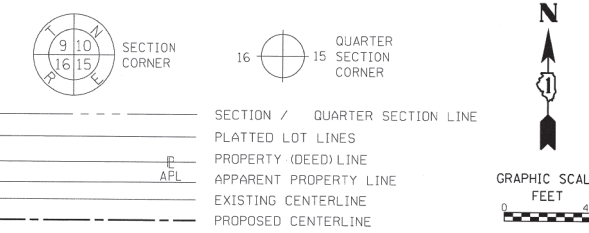
PLAT OF HIGHWAYS

SCALE: N.T.S. SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	165
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

PART OF THE NORTHEAST AND SOUTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

LEGEND

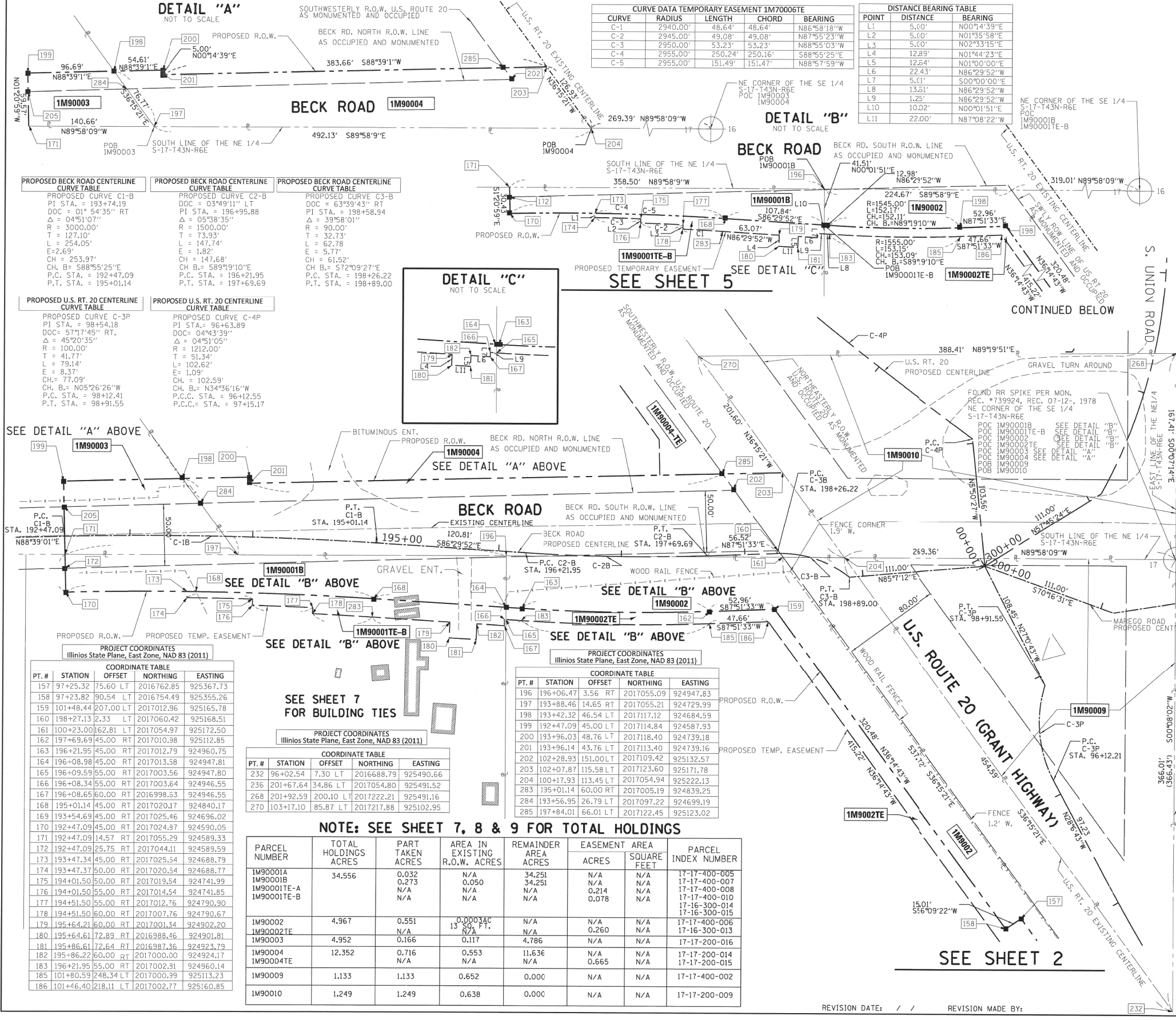


CURVE DATA TEMPORARY EASEMENT 1M70006TE

CURVE	RADIUS	LENGTH	CHORD	BEARING
C-1	2940.00'	48.64'	48.64'	N86°58'18"W
C-2	2945.00'	49.08'	49.08'	N87°55'23"W
C-3	2950.00'	53.23'	53.23'	N88°55'03"W
C-4	2955.00'	250.24'	250.16'	S88°55'25"E
C-5	2955.00'	151.49'	151.47'	N88°57'59"W

DISTANCE BEARING TABLE

POINT	DISTANCE	BEARING
L1	5.00'	N00°14'39"E
L2	5.00'	N01°35'58"E
L3	5.00'	N02°33'15"E
L4	12.89'	N01°44'23"E
L5	12.54'	N01°00'00"E
L6	22.43'	N86°29'52"W
L7	5.01'	S00°00'00"E
L8	13.51'	N86°29'52"W
L9	1.25'	N86°29'52"W
L10	10.02'	N00°01'51"E
L11	22.00'	N87°08'22"W

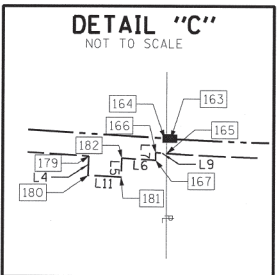


PROPOSED BECK ROAD CENTERLINE CURVE TABLE

PROPOSED CURVE	PI STA.	DOC	Δ	R	T	L	E	CH. B.	CH. B.	P.C. STA.	P.T. STA.
PROPOSED CURVE C1-B	193+74.19	03°49'11" RT	01°54'35"	1500.00'	127.10'	254.05'	2.69'	S88°55'25"E	S88°55'25"E	192+47.09	195+01.14
PROPOSED CURVE C2-B	196+95.88	05°38'35" RT	04°43'39"	1500.00'	73.93'	147.74'	1.82'	S89°19'10"E	S89°19'10"E	196+21.95	197+69.69
PROPOSED CURVE C3-B	198+58.94	63°39'43" RT	04°51'05"	30.00'	32.73'	62.78'	5.77'	S72°09'27"E	S72°09'27"E	198+26.22	198+89.00

PROPOSED U.S. RT. 20 CENTERLINE CURVE TABLE

PROPOSED CURVE	PI STA.	DOC	Δ	R	T	L	E	CH. B.	CH. B.	P.C. STA.	P.T. STA.
PROPOSED CURVE C-3P	98+54.18	04°43'39" RT	45°20'35"	100.00'	41.77'	79.14'	8.37'	N05°26'26"W	N05°26'26"W	98+12.41	98+91.55
PROPOSED CURVE C-4P	96+63.89	04°43'39" RT	04°51'05"	102.00'	51.34'	102.62'	1.05'	N34°36'16"W	N34°36'16"W	96+12.55	97+15.17



COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
157	97+25.32	75.60 LT	2016762.85	925367.73
158	97+23.82	90.54 LT	2016754.49	925355.26
159	101+48.44	207.00 LT	2017012.96	925165.78
160	198+27.13	2.33 LT	2017060.42	925168.51
161	100+23.00	162.81 LT	2017054.97	925172.50
162	197+69.69	45.00 RT	2017010.38	925112.85
163	196+21.95	45.00 RT	2017012.79	924960.75
164	196+08.98	45.00 RT	2017013.58	924947.81
165	196+09.59	55.00 RT	2017003.56	924947.80
166	196+08.34	55.00 RT	2017003.64	924946.55
167	196+08.65	60.00 RT	2016998.53	924946.55
168	195+01.14	45.00 RT	2017020.17	924840.17
169	193+54.69	45.00 RT	2017025.46	924696.02
170	192+47.09	45.00 RT	2017024.37	924590.05
171	192+47.09	14.57 RT	2017055.29	924589.33
172	192+47.09	25.75 RT	2017044.11	924589.79
173	193+47.34	45.00 RT	2017025.44	924688.79
174	193+47.37	50.00 RT	2017020.34	924688.77
175	194+01.50	50.00 RT	2017019.54	924741.99
176	194+01.50	55.00 RT	2017014.54	924741.85
177	194+51.50	55.00 RT	2017012.76	924790.90
178	194+51.50	60.00 RT	2017007.76	924790.67
179	195+64.21	60.00 RT	2017001.34	924902.20
180	195+64.61	72.89 RT	2016988.46	924901.81
181	195+86.61	72.64 RT	2016987.36	924923.79
182	195+86.22	60.00 RT	2017000.00	924924.17
183	196+21.95	55.00 RT	2017002.31	924960.14
185	101+80.59	248.34 LT	2017000.39	925113.23
186	101+46.40	218.11 LT	2017002.77	925160.85

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
232	96+02.54	7.30 LT	2016688.79	925490.66
236	201+67.64	34.86 LT	2017054.80	925491.52
268	201+92.59	200.10 LT	2017222.21	925491.16
270	103+17.10	85.87 LT	2017217.88	925102.95

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
196	196+06.47	3.56 RT	2017055.09	924947.83
197	193+88.46	14.65 RT	2017055.21	924729.99
198	193+42.32	46.54 LT	2017117.12	924684.59
199	192+47.09	45.00 LT	2017114.84	924587.93
200	193+96.03	48.76 LT	2017118.40	924739.18
201	193+96.14	43.76 LT	2017113.40	924739.16
202	102+28.93	151.00 LT	2017109.42	925132.57
203	102+07.87	115.58 LT	2017123.60	925171.78
204	100+17.93	113.45 LT	2017054.94	925222.13
283	195+01.14	60.00 RT	2017005.19	924839.25
284	193+56.95	26.79 LT	2017097.22	924699.19
285	197+84.01	66.01 LT	2017122.45	925123.02

NOTE: SEE SHEET 7, 8 & 9 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	PARCEL INDEX NUMBER
1M90001A	34.556	0.032	0.050	34.251	N/A	17-17-400-005
1M90001B		0.273	N/A	34.251	N/A	17-17-400-007
1M90001TE-A		N/A	N/A	N/A	0.214	17-17-400-008
1M90001TE-B		N/A	N/A	N/A	0.078	17-17-400-010
						17-16-300-014
						17-16-300-015
1M90002	4.967	0.551	0.0003AC	N/A	N/A	17-17-400-006
1M90002TE		N/A	13.50 FT.	N/A	0.260	17-16-300-013
1M90003	4.952	0.166	0.117	4.786	N/A	17-17-200-014
1M90004	12.352	0.716	0.553	11.636	N/A	17-17-200-016
1M90004TE		N/A	N/A	0.665	N/A	17-17-200-015
1M90009	1.133	1.133	0.652	0.000	N/A	17-17-400-002
1M90010	1.249	1.249	0.638	0.000	N/A	17-17-200-009

SEE SHEET 4 FOR CONTINUATION

SEE SHEET 7 FOR BUILDING TIES

RECEIVED AUG 14 2019

- IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

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STATE OF ILLINOIS)
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL.

PART OF THE SOUTHWEST QUARTER OF SECTION 16, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

SEE SHEET 3 FOR CONTINUATION S. UNION ROAD

DISTANCE BEARING TABLE

POINT	DISTANCE	BEARING
L-1	7.00'	N18°53'17"E
L-2	16.29'	S71°06'43"E
L-3	45.68'	S71°06'43"E
L-4	8.40'	S18°52'00"E
L-5	25.00'	N18°52'00"E
L-6	3.28'	N18°53'17"E

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

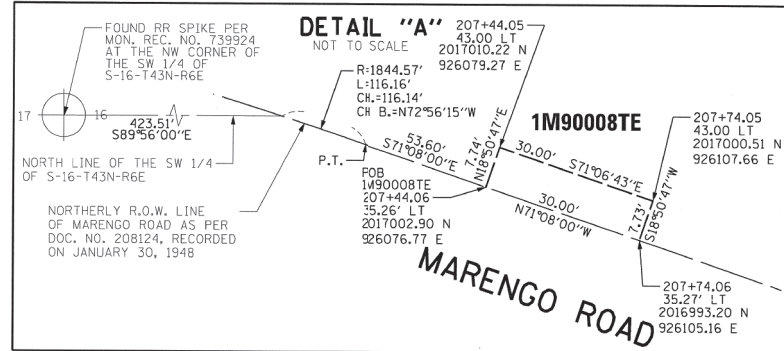
COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
229	93+68.85	0.22 RT	2016500.14	925629.02
230	93+69.13	40.21 RT	2016523.73	925661.32
231	93+69.20	49.82 RT	2016529.40	925669.07
232	96+02.54	7.30 LT	2016688.79	925490.66
233	95+91.56	33.36 RT	2016701.84	925530.69
234	96+12.38	46.89 RT	2016726.53	925530.75
235	96+05.26	42.28 RT	2016718.10	925530.73
236	201+67.64	34.86 LT	2017054.80	925491.52
237	201+83.65	112.01 RT	2016912.48	925531.18
238	201+93.61	113.62 RT	2016912.51	925541.28
239	201+99.04	80.00 RT	2016946.57	925541.17
240	201+94.01	50.00 RT	2016975.35	925531.33
241	204+27.65	16.03 LT	2017054.49	925756.85
242	206+92.39	0.27 LT	2016987.11	926014.74
243	207+54.30	0.27 LT	2016967.09	926073.32
244	207+54.32	34.74 RT	2016933.97	926062.01
245	207+54.33	63.00 RT	2016907.22	926052.87
246	211+07.56	34.61 RT	2016821.78	926390.30
247	211+07.56	43.00 RT	2016811.87	926393.34

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

COORDINATE TABLE

PT. #	STATION	OFFSET	NORTHING	EASTING
248	209+00.00	48.00 RT	2016874.26	926195.55
249	209+00.00	63.00 RT	2016860.07	926190.70
250	207+38.03	38.00 RT	2016936.15	926045.54
251	207+38.03	45.00 RT	2016929.53	926043.27
252	207+38.03	63.00 RT	2016912.50	926037.45
253	207+38.03	70.70 RT	2016905.21	926034.95
254	205+00.00	70.00 RT	2016961.53	925817.84
255	205+00.00	80.00 RT	2016951.62	925816.44
256	203+69.70	80.00 RT	2016961.10	925696.42
257	202+34.25	80.00 RT	2016952.29	925575.91
258	207+90.71	45.00 RT	2016941.59	926008.02
259	203+49.63	45.00 RT	2016996.17	925678.17
260	203+49.59	50.00 RT	2016991.17	925678.18
261	202+34.25	50.00 RT	2016981.89	925571.03
286	207+54.32	38.00 RT	2016930.88	926060.95
287	208+00.00	38.00 RT	2016916.09	926104.17
288	208+00.00	34.72 RT	2016919.20	926105.24
289	210+00.00	48.00 RT	2016841.89	926290.17
290	210+00.00	43.00 RT	2016846.62	926291.79
295	94+83.48	52.55 RT	2016623.51	925606.28
296	94+83.48	47.55 RT	2016620.68	925602.15
297	207+98.09	0.28 LT	2016952.31	926116.57



LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
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BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND
CUT CROSS FOUND OR SET
STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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COUNTY OF)

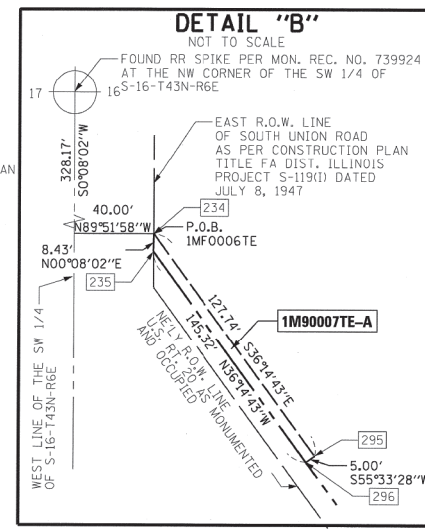
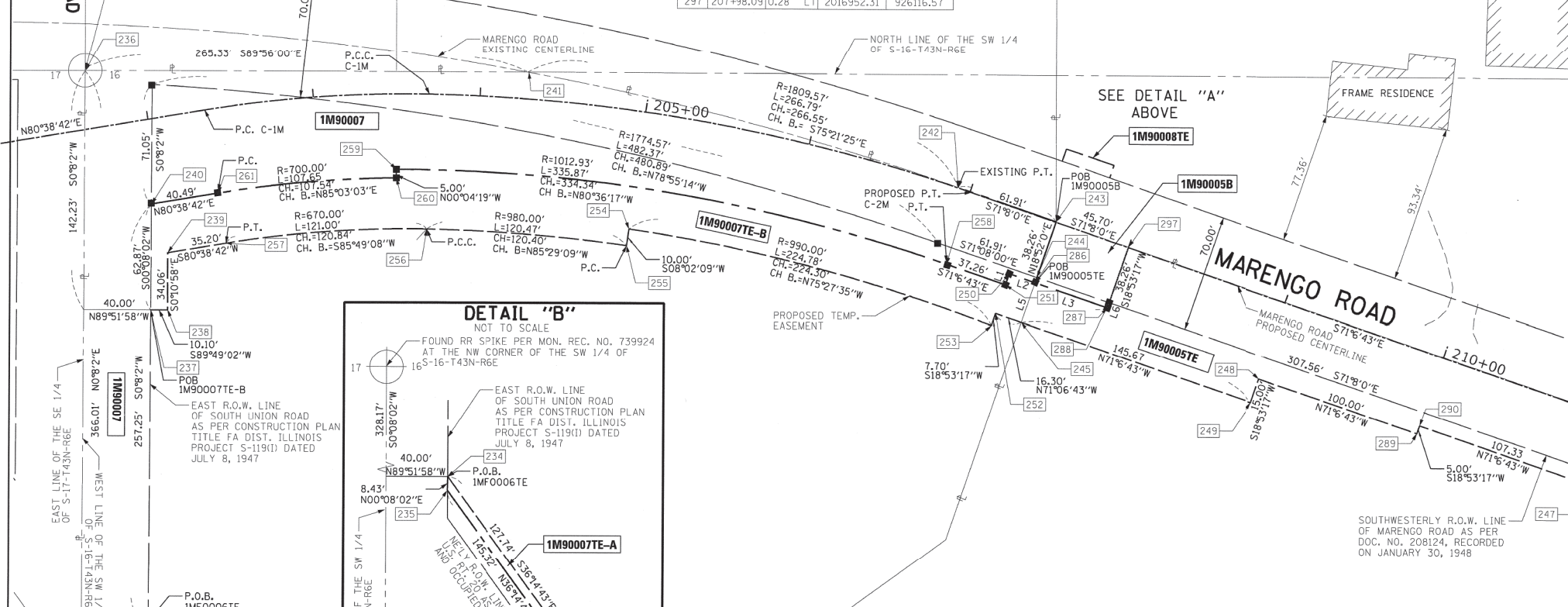
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DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

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LICENSE EXPIRATION DATE: _____

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DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056



NOTE: SEE SHEET 7, 8 & 9 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1M90005A		0.212	0.170	36.190	N/A	N/A	
1M90005B	36.442	0.040	0.037	36.190	N/A	N/A	17-16-300-021
1M90005TE		N/A	N/A	0.143	N/A	N/A	
1M90007	5.068	1.291	0.899	3.777	N/A	N/A	
1M90007TE-A		N/A	N/A	0.014	N/A	N/A	17-16-300-001
1M90007TE-B		N/A	N/A	N/A	0.363	N/A	
1M90008TE	4.851	N/A	N/A	N/A	0.005	232	17-16-100-006 17-16-100-011

PROPOSED CENTERLINE MARENGO ROAD CURVE TABLE

PROPOSED CURVE C-1M
DOC = 07°58'22" RT
PI STA. = 203+02.15
Δ = 10°20'51"
R = 750.00'
T = 67.91'
L = 135.45'
E = 3.07'
CH. B. = 135.26'
C4, B. = N85°49'08"E
P.C.C. STA. = 202+34.25
P.C.C. STA. = 203+69.69

PROPOSED CENTERLINE MARENGO ROAD CURVE TABLE

PROPOSED CURVE C-2M
DOC = 05°24'19" RT
PI STA. = 205+36.59
Δ = 17°53'44"
R = 1060.00'
T = 166.90'
L = 331.08'
E = 13.06'
CH. B. = 329.73'
C4, B. = S80°03'35"E
P.C.C. STA. = 203+69.69
P.T. STA. = 207+00.77

IDOT USE ONLY

RECEIVED
AUG 14 2018

PLATS & LEGALS

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
SECTION: STA. 201+50 TO STA. 211+00 (MARENGO RD. STATIONING) JOB NO.: R-91-044-13
SCALE: 1"=40' SHEET 4 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

BAXTER & WOODMAN
Consulting Engineers

USER NAME = 560KAR
DESIGNED -
DRAWN - CJC
CHECKED - JFM
DATE - 01-24-20

REVISIONS:
REVISED -
REVISED -
REVISED -
FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N.T.S. SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
525 2016-092B&R MCHENRY 329 167
CONTRACT NO. 62D36
ILLINOIS FED. AID PROJECT GHWI(759)

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-001121 - EXPIRES 4/30/2020
560KAR 1/17/2020

\\platt\p\pdf\B-W_Draft\162D36-Plats.dgn
C:\CADD\PDF\162D36_PEN.tbl
C:\Crystal_Lake\162D36-sht-Plats.dgn

PART OF THE NORTHEAST AND SOUTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

SEE SHEET 6

SEE SHEET 6 FOR
1M90006TE-B DETAIL

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

STATION	OFFSET	NORTHING	EASTING
206	102+80.42	179.75 LT	2017121.25 925072.25
207	102+98.23	158.10 LT	2017149.92 925071.57
208	104+36.06	125.75 LT	2017269.22 924984.12
209	104+42.58	160.08 LT	2017248.52 924955.89
210	104+51.90	158.15 LT	2017256.59 924949.98
211	104+60.52	205.31 LT	2017228.07 924911.07
212	105+01.02	197.26 LT	2017263.71 924885.28
213	104+93.03	150.04 LT	2017292.07 924923.96
214	105+02.41	148.28 LT	2017300.14 924918.05
215	104+96.53	113.82 LT	2017320.83 924946.28
216	105+82.59	99.17 LT	2017393.66 924892.88
217	109+66.91	60.65 LT	2017396.62 924896.92
218	109+67.09	70.64 LT	2017716.10 924662.71
219	111+70.00	70.00 LT	2017710.16 924654.66
220	111+70.00	55.00 LT	2017874.97 924533.83
221	112+50.00	55.00 LT	2017883.84 924545.93
222	112+50.00	55.00 LT	2017948.36 924498.63
223	112+50.00	45.00 LT	2017954.27 924506.70
224	113+00.00	45.00 LT	2017994.60 924477.13
225	113+00.00	39.96 LT	2017997.58 924481.20

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

STATION	OFFSET	NORTHING	EASTING
262	303+70.00	30.95 LT	925451.76
263	303+70.00	37.77 LT	925444.94
264	302+67.79	49.02 LT	9217259.85 925430.32
265	302+17.31	65.14 LT	9217222.68 925406.56
266	101+35.28	65.00 RT	2017222.62 925339.58
267	101+48.88	55.00 RT	2017222.60 925322.91
268	302+37.08	17.41 RT	2017222.21 925491.16
269	102+80.54	54.20 LT	2017218.25 925151.97
270	103+17.10	85.87 LT	2017217.88 925102.95
271	102+50.00	65.00 RT	2017291.39 925250.89
272	102+50.00	60.00 RT	2017287.50 925247.75
273	103+50.00	60.00 RT	2017350.28 925172.51
274	103+50.00	55.00 RT	2017346.49 925169.24
275	110+28.48	55.00 RT	2017834.75 924718.32
276	110+53.46	61.00 RT	2017858.44 924708.38
277	110+53.46	65.16 RT	2017860.90 924711.74
278	117+02.35	65.00 RT	2018384.10 924327.93
279	117+09.64	55.00 RT	2018384.07 924315.56
280	117+20.74	40.21 RT	2018384.28 924297.06
281	117+49.73	0.00 RT	2018383.89 924247.50
282	303+70.00	8.18 LT	2017358.11 925490.88
285	102+43.78	146.79 LT	2017122.45 925123.02
300	108+75.00	61.00 RT	2017719.35 924815.12
301	108+75.00	55.00 RT	2017719.56 924810.47

PROPOSED U.S. RT. 20 CENTERLINE CURVE TABLE

PROPOSED CURVE C4
PI STA. = 102+88.55
DOC = 01°54'35" RT.
Δ = 10°33'25"
R = 3000.00'
T = 278.50'
CH. E = 554.52'
L = 369.51'
E = 5.70'
P.C. STA. = 101+03.56
P.T. STA. = 104+73.07

PROPOSED U.S. RT. 20 CENTERLINE CURVE TABLE

PROPOSED CURVE C4
PI STA. = 102+88.55
DOC = 01°54'35" RT.
Δ = 10°33'28"
R = 3000.00'
T = 278.50'
CH. B = 554.52'
L = 369.51'
E = 5.70'
P.C. STA. = 101+03.56
P.T. STA. = 104+73.07

PROPOSED UNION ROAD CENTERLINE CURVE TABLE

PROPOSED CURVE C-1U
PI STA. = 202+21.26
DOC = 13°28'53" LT
Δ = 29°05'18"
R = 425.00'
T = 110.26'
CH. B = 213.46'
L = 140.71'
E = 14.07'
P.C. STA. = 201+11.00
P.T. STA. = 203+26.77

LEGEND

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
MEASURED DIMENSION
COMPUTED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

129.32'
129.32' (COMP)
(129.32')

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (20011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

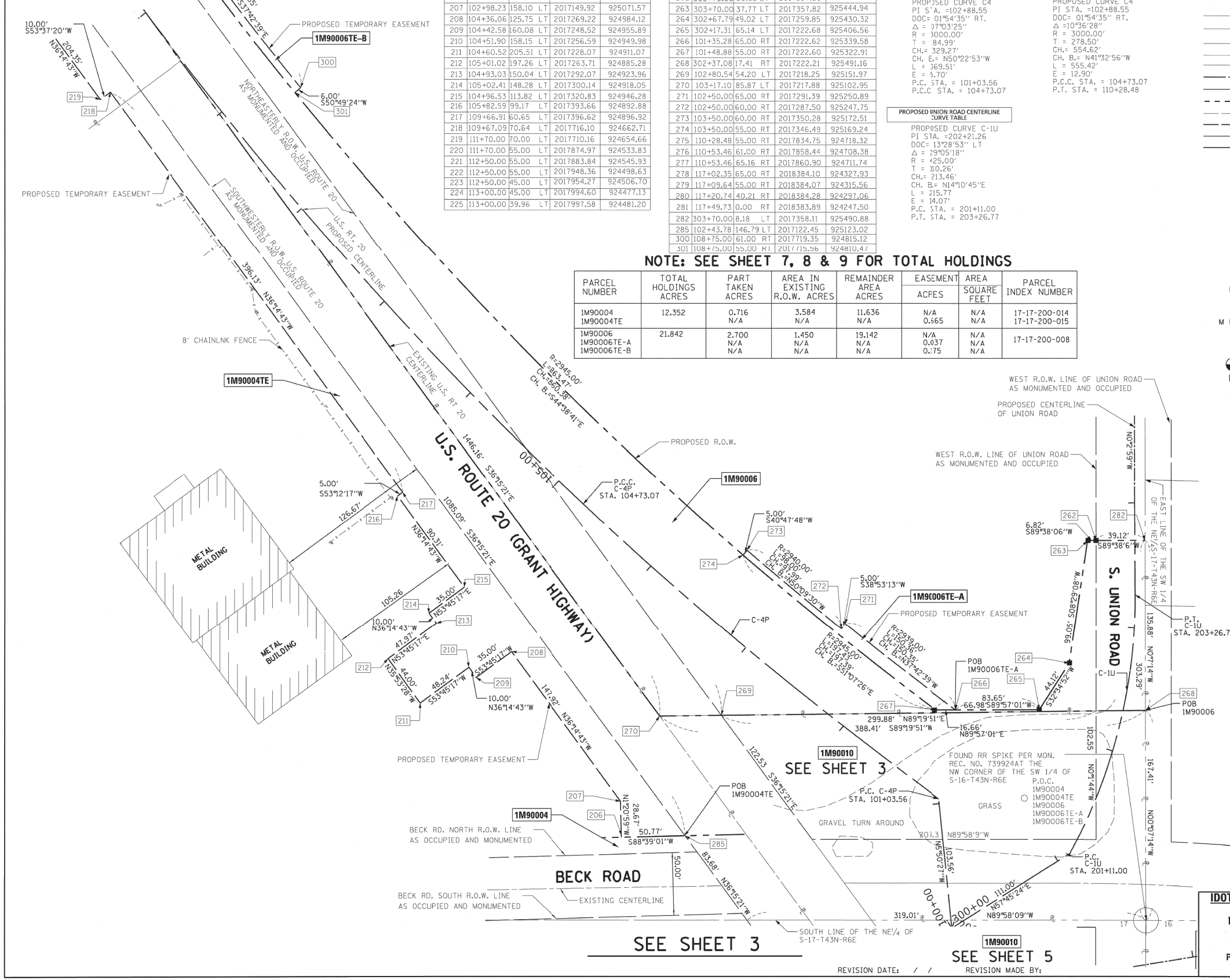
LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
SECTION: _____ JOB NO.: R-91-044-13
STA. 100+00 TO STA. 110+00 (U.S. RT. 20 STATIONING)
SCALE: 1"=40' SHEET 5 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

RECEIVED
AUG 14 2018
PLATS & LEGALS

NOTE: SEE SHEET 7, 8 & 9 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1M90004	12.352	0.716	3.584	11.636	N/A	N/A	17-17-200-014
1M90004TE		N/A	N/A	N/A	0.865	N/A	17-17-200-015
1M90006	21.842	2.700	1.450	19.142	N/A	N/A	17-17-200-008
1M90006TE-A		N/A	N/A	N/A	0.037	N/A	
1M90006TE-B		N/A	N/A	N/A	0.75	N/A	



SEE SHEET 3

SEE SHEET 5

REVISION DATE: / / REVISION MADE BY:

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STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
560KAR 1/17/2020 11:46:52 AM
I:\Crystal Lake\1116\1116-PTB 181 Item 5 US 20\CADD\CADD_Sheets\162D36-sht-Plats.dgn

BAXTER & WOODMAN
Consulting Engineers

USER NAME	DESIGNED	REVISION
= 560KAR	-	-
	DRAWN - CJC	REVISED -
	CHECKED - JFM	REVISED -
	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

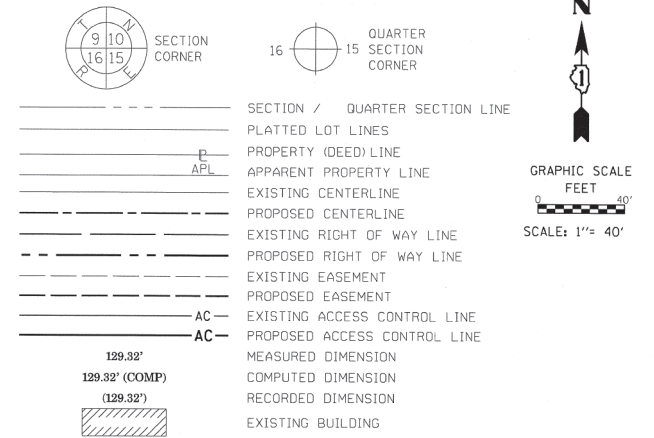
PLAT OF HIGHWAYS

SCALE: N.T.S. SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	168
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

PART OF THE NORTHEAST AND SOUTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND
- + CUT CROSS FOUND OR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

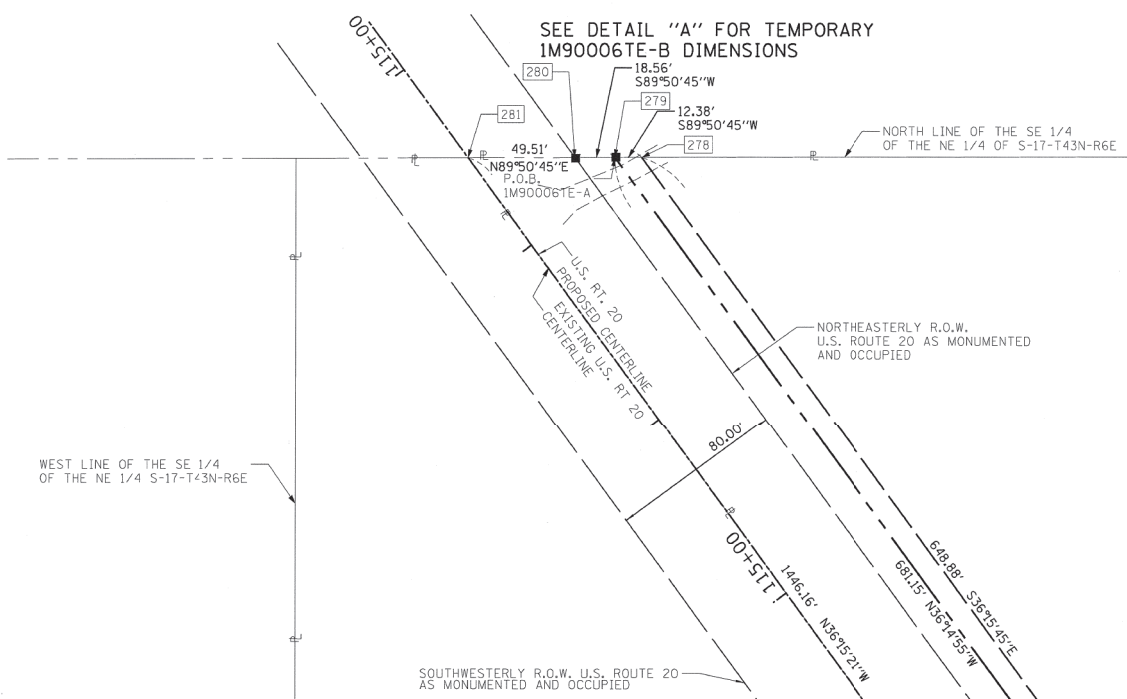
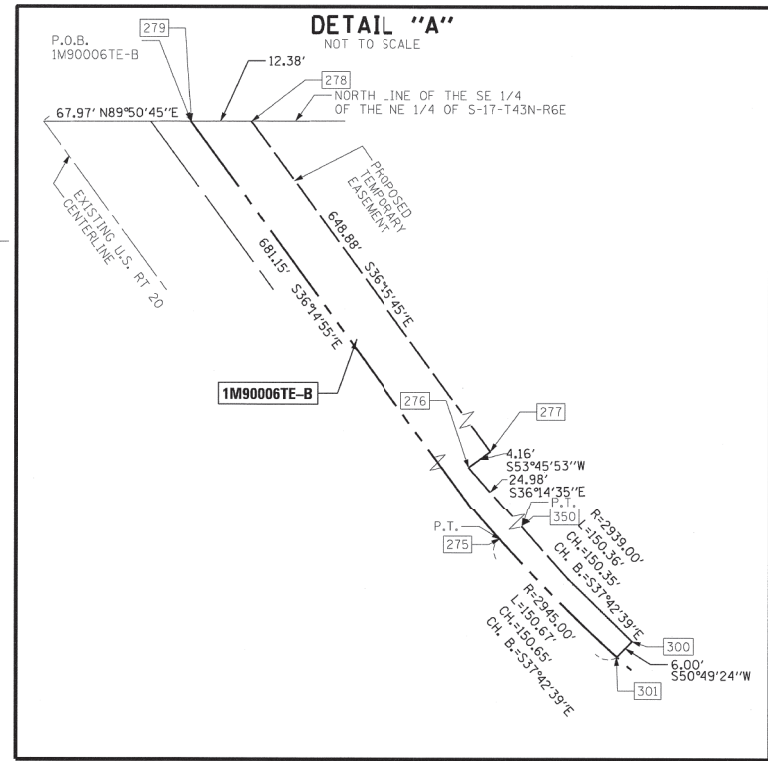
DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
SECTION: JOB NO.: R-91-044-13
STA. 111+00 TO STA. 115+00 (U.S. RT. 20 STATIONING)
SCALE: 1"=40' SHEET 6 OF 10

DOT USE ONLY
RECEIVED
AUG 14 2018
PLATS & LEGALS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196



PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

PT. #	STATION	OFFSET	NORTHING	EASTING
220	111+70.00	70.00 LT	2017874.97	924533.83
221	111+70.00	55.00 LT	2017883.84	924545.93
222	112+50.00	55.00 LT	2017948.36	924498.63
223	112+50.00	45.00 LT	2017954.27	924506.70
224	113+00.00	45.00 LT	2017994.60	924477.13
225	113+00.00	39.96 LT	2017997.58	924481.20
275	110+28.48	55.00 RT	2017838.75	924718.32
276	110+53.46	61.00 RT	2017858.44	924708.38
277	110+53.46	65.16 RT	2017860.90	924711.74
278	117+02.35	65.00 RT	2018384.10	924327.93
279	117+09.64	55.00 RT	2018384.07	924315.56
280	117+20.74	40.21 RT	2018384.28	924297.07
281	117+49.73	0.00 RT	2018383.89	924247.50
350	110+28.48	61.00 RT	2017834.75	924718.32

NOTE: SEE SHEET 7, 8 & 9 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1M90006	21.842	2.700	1.450	19.142	N/A	N/A	17-17-200-008
1M90006TE-A		N/A	N/A	N/A	0.037	N/A	
1M90006TE-B		N/A	N/A	N/A	0.175	N/A	
1M90004	12.352	0.716	3.584	11.636	N/A	N/A	17-17-200-014
1M90004TE		N/A	N/A	N/A	0.665	N/A	17-17-200-015

REVISION DATE: / / REVISION MADE BY:

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 560KAR 11:47:04 AM 1/17/2020
 I:\Crystal_Lake\11161116-PTB 181 Item 5 US 20\CADD\CADD_Sheets\162D36-sht-Plats.dgn



USER NAME = 560KAR	DESIGNED -	REVISED -
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

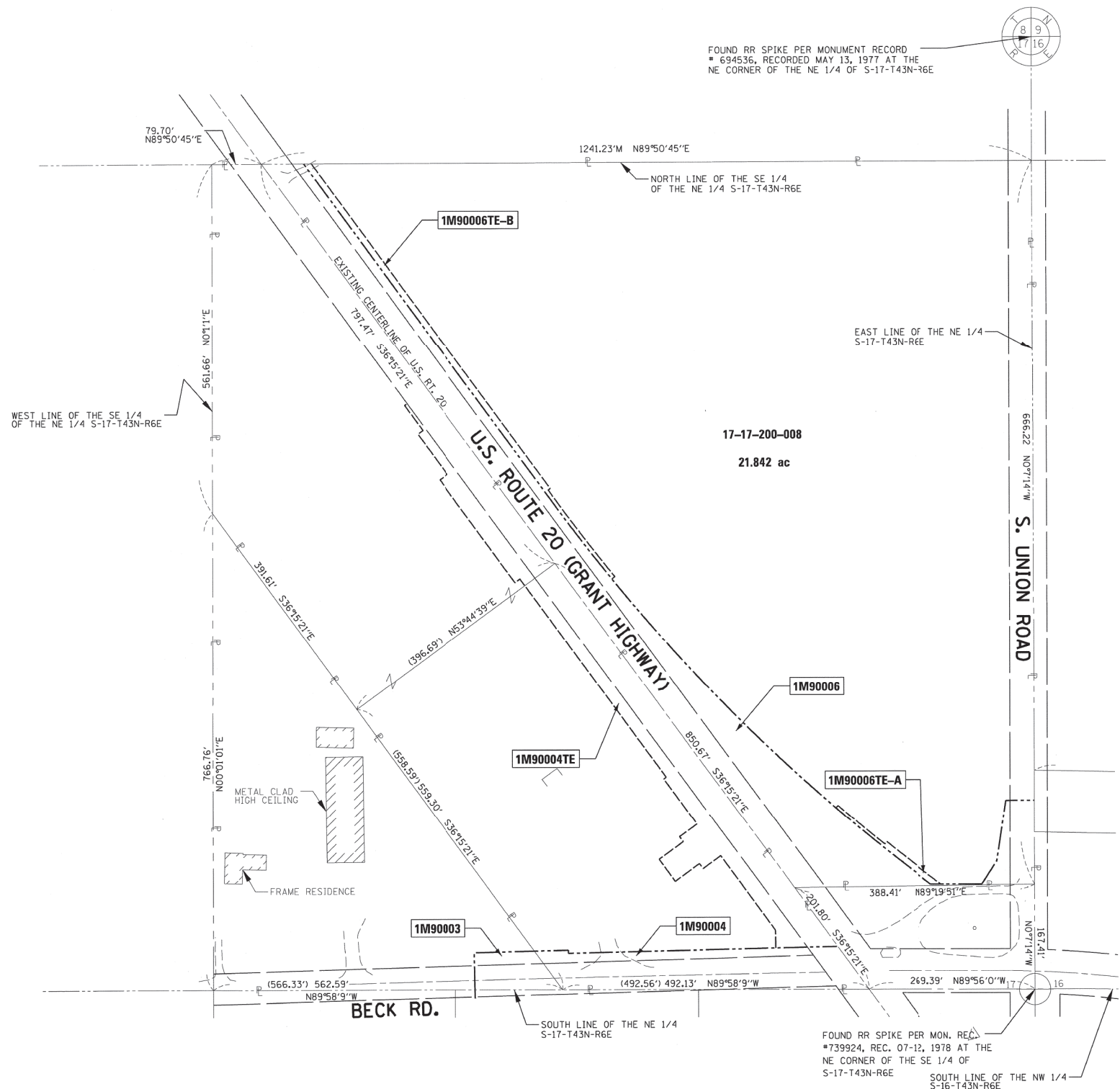
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N.T.S. SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	169
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

PART OF THE NORTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 15 16
 QUARTER SECTION CORNER: 16

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 SCALE: 1" = 100'

- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (20011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
 COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
 SECTION: JOB NO.: R-91-044-13
 STA. N/A TO STA. N/A
 SCALE: 1"=100' SHEET 8 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY:

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 1/17/2020 11:47:26 AM
 I:\Crystal Lake\162D36-sht-Plats.dgn

BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
		DRAWN - CJC	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
	PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: SHEET 8 OF 10 SHEETS STA. TO STA.

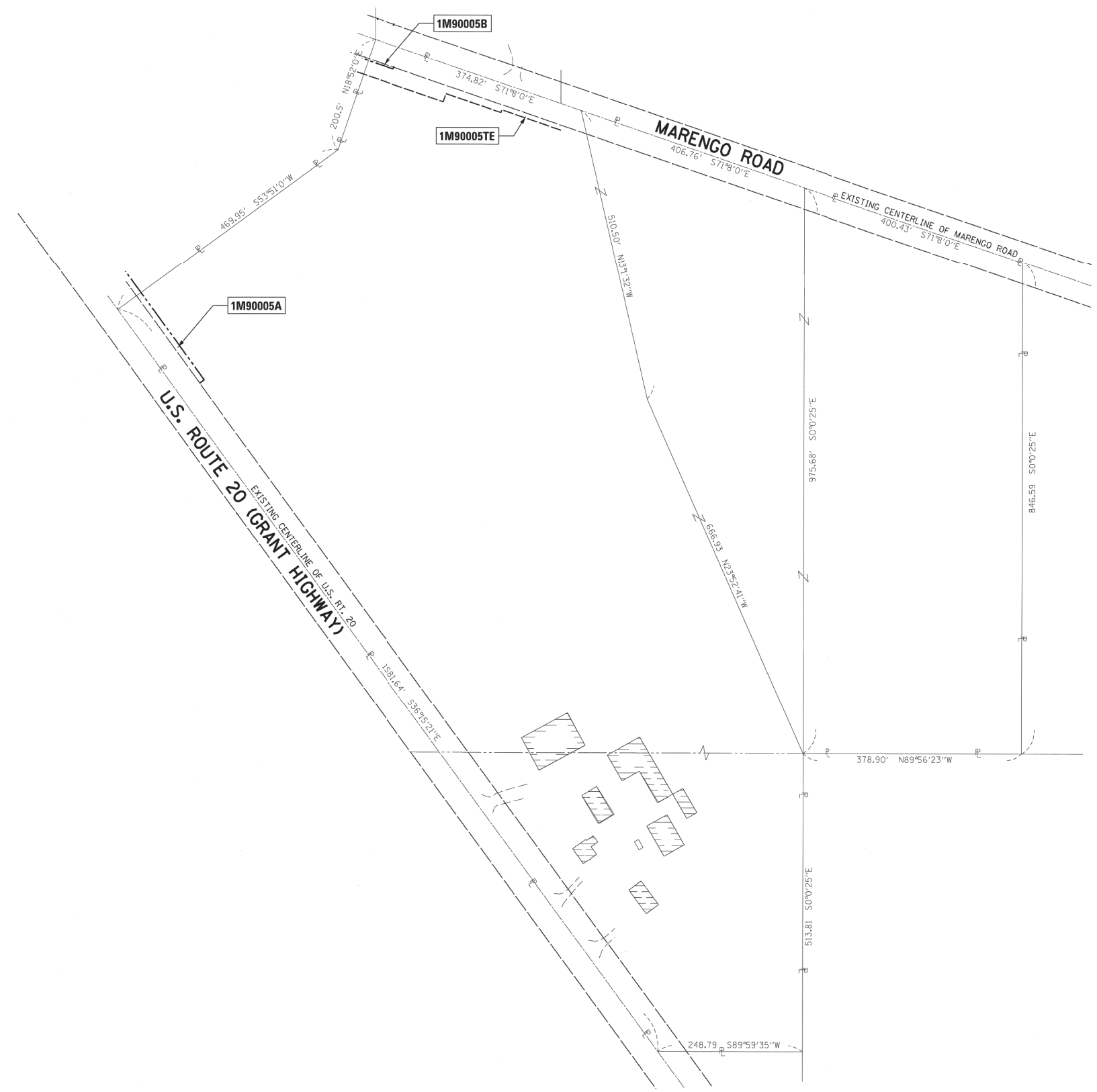
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	171
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

PART OF THE SOUTHWEST QUARTER OF SECTION 16, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
0 50 100
SCALE: 1" = 100'



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET
 - + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 16, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____, 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: BECK RD/MARENGO RD. COUNTY: MCHENRY
SECTION: JOB NO.: R-91-044-13
STA. N/A TO STA. N/A
SCALE: 1"=100' SHEET 9 OF 10 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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AUG 08 2019
PLATS & LEGALS

REVISION DATE: / / REVISION MADE BY:

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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
 LICENSE NO. - 184-001121 - EXPIRES 4/30/2020
 560KAR 1/17/2020 11:47:38 AM
 I:\Crystal Lake\161116-PTB 181 Item 5 US 20\CADD\CADD_Sheets\162D36-sht-Plats.dgn



USER NAME = 560KAR	DESIGNED -	REVISED -
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

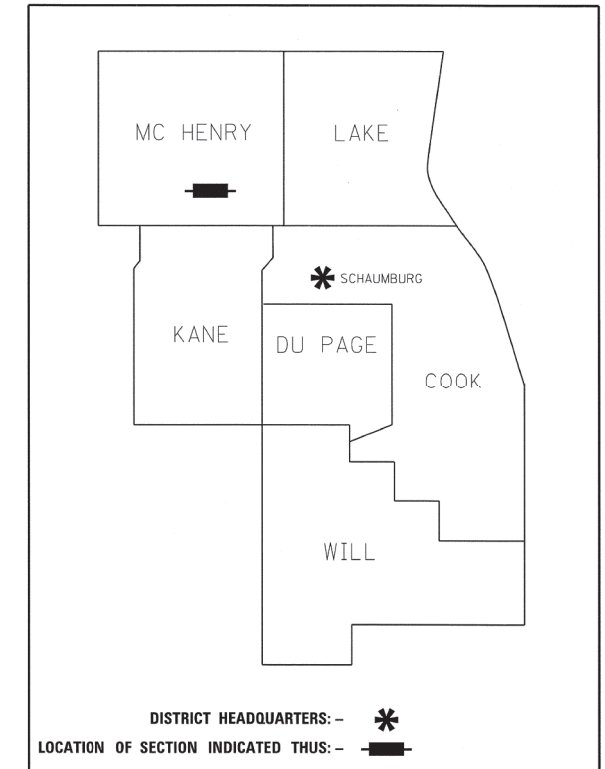
SCALE: SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	172
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW/1759				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

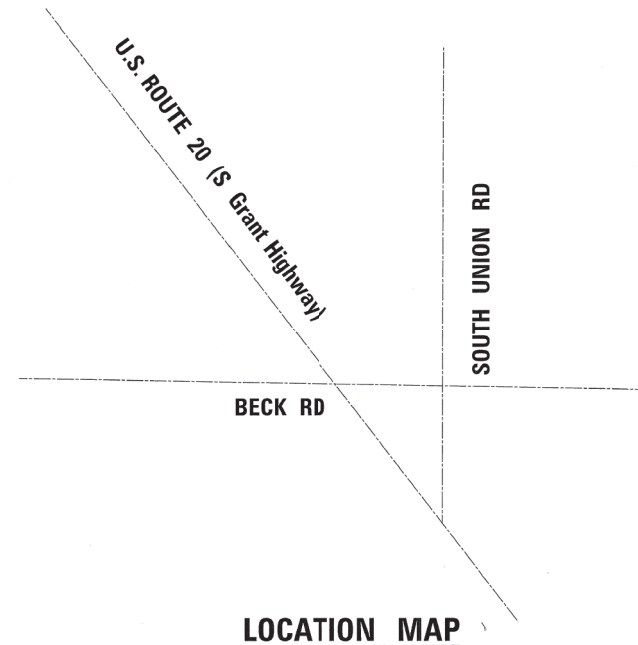
PLAT OF HIGHWAYS

ROUTE: U.S. ROUTE 20 (S Grant Highway)
SECTION:
COUNTY: MCHENRY
LIMITS: Creek 0.4 mile NW of Beck Rd
JOB NO.: R-91-004-16



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OF THE STATE OF ILLINOIS**

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1M70001	Thomas N. Gumble, as Trustee of the Thomas N. Gumble Trust dated February 25, 2002	2, 4	
1M70002 1M70002TE	James D. Domek and Denise R. Domek, his wife, in Joint Tenancy	2, 4	
1M70003TE	Donald A. Remke and Judith A. Remke, as Trustees of the R & R Trusst No. 1 under a trust Agreement dated the 30th day of December, 1997	3, 4	
1M70004TE	Gary L. Drechney and Jeweldean O. Drechney, husband and wife, as joint tenants	3, 4	



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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
		DRAWN - CJC	REVISED -
	PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
	PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAT OF HIGHWAYS

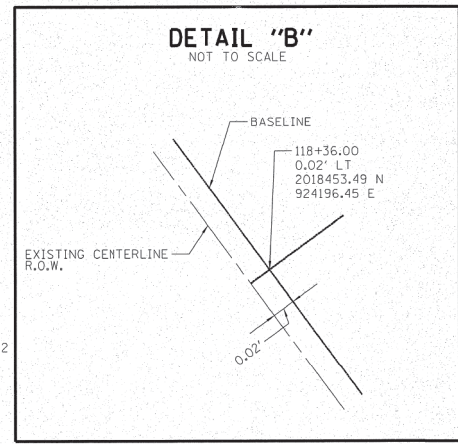
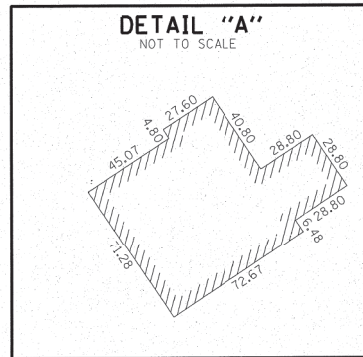
SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	174
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

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PART OF THE NORTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

SEE SHEET 3



LEGEND

SECTION CORNER: 9, 10, 15, 16

QUARTER SECTION CORNER: 16, 15

GRAPHIC SCALE: 0 40' FEET. SCALE: 1" = 40'

SECTION / QUARTER SECTION LINE

PLATTED LOT LINES

PROPERTY (DEED) LINE

APL APPARENT PROPERTY LINE

EXISTING CENTERLINE

PROPOSED CENTERLINE

EXISTING RIGHT OF WAY LINE

PROPOSED RIGHT OF WAY LINE

EXISTING EASEMENT

PROPOSED EASEMENT

EXISTING ACCESS CONTROL LINE

PROPOSED ACCESS CONTROL LINE

MEASURED DIMENSION

COMPUTED DIMENSION

RECORDED DIMENSION

EXISTING BUILDING

- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
 - + CUT CROSS FOUND OR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID".

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: OVER CREEK 0.4 MILE NW OF BECK RD. COUNTY: MCHENRY
SECTION: _____ JOB NO.: R-91-004-15
STA. 118+36.04 TO STA. 125+62.57
SCALE: 1"=40' SHEET 2 OF 4 SHEETS

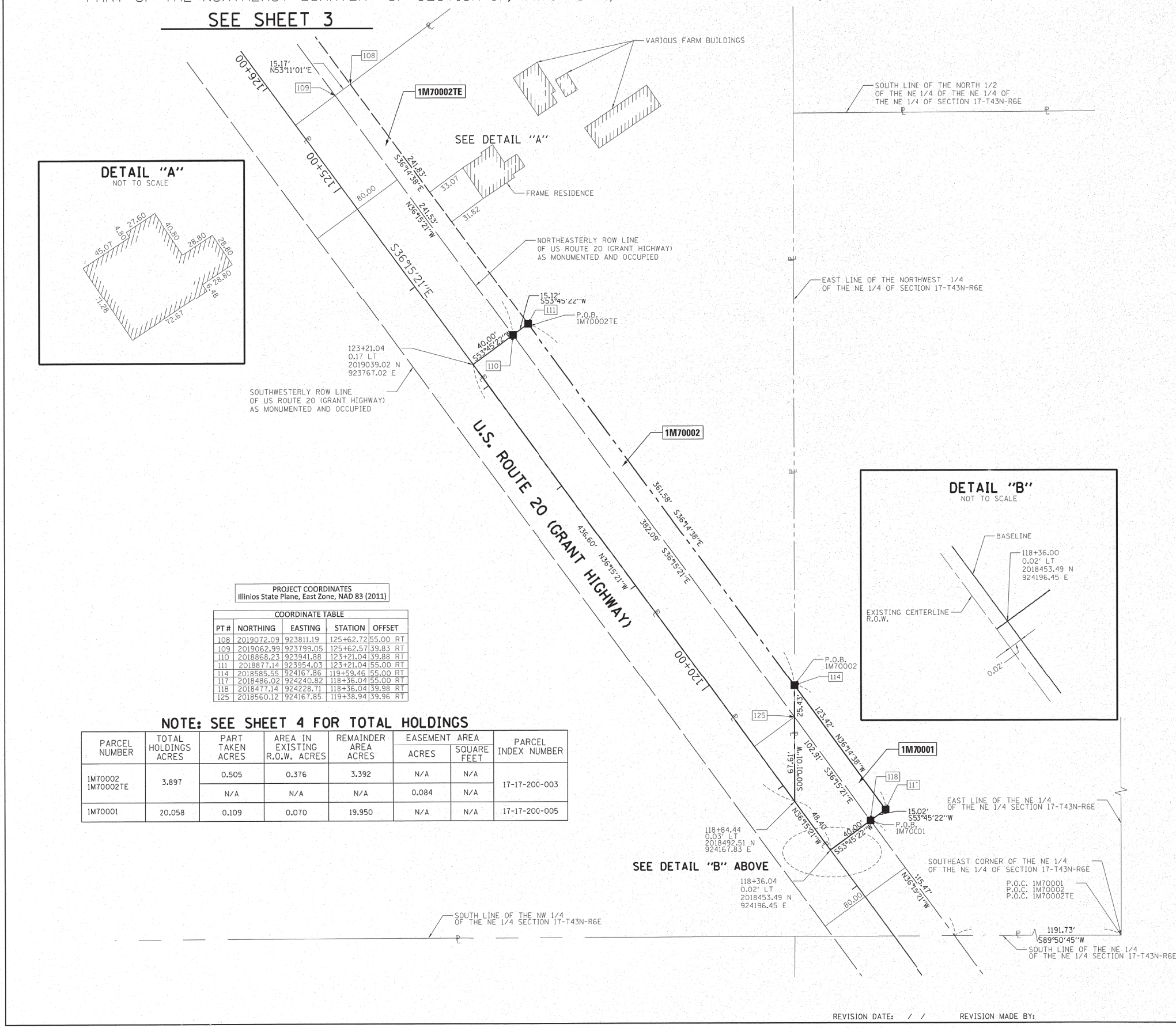
BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

NOTE: SEE SHEET 4 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1M70002TE	3.897	0.505	0.376	3.392	N/A	N/A	17-17-200-003
1M70001	20.058	0.109	0.070	19.950	N/A	N/A	17-17-200-005

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

PT #	NORTHING	EASTING	STATION	OFFSET
108	2019072.09	923811.19	125+62.72	55.00 RT
109	2019062.99	923799.05	125+62.57	39.83 RT
110	2018868.23	923941.88	123+21.04	39.88 RT
111	2018877.14	923954.03	123+21.04	55.00 RT
114	2018585.55	924167.86	118+36.04	55.00 RT
117	2018486.02	924240.82	118+36.04	55.00 RT
118	2018477.14	924228.71	118+36.04	39.98 RT
125	2018560.12	924167.85	119+38.94	39.96 RT



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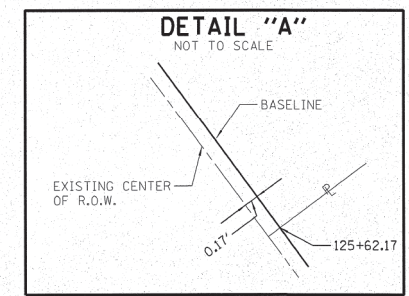
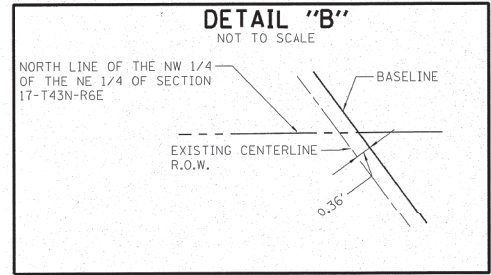
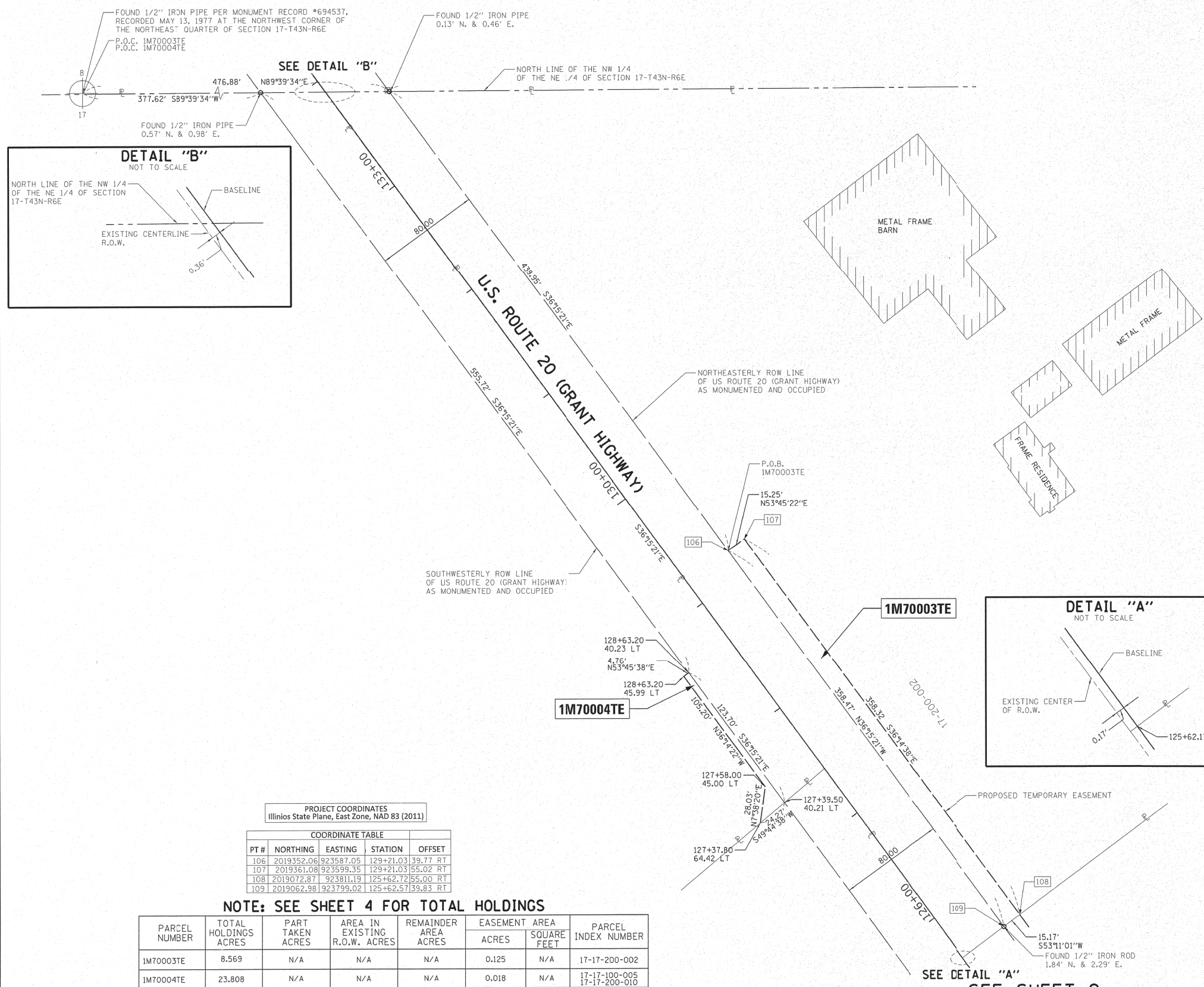
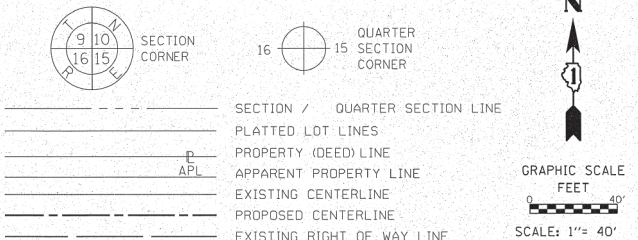
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REVISION DATE: / / REVISION MADE BY:

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PART OF THE NORTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.

LEGEND



- IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M ■ STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXXX ADJUSTMENT), EAST ZONE.

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011 ADJUSTMENT) "GRID"

ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.

AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
)SS
COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ____ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
123 N. WACKER DRIVE SUITE 2000
CHICAGO, ILLINOIS 60606
TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: OVER CREEK 0.4 MILE NW OF BECK RD. COUNTY: MCHENRY
SECTION: _____ JOB NO.: R-91-004-16
STA. 125+62.57 TO STA. 133+00
SCALE: 1"=40' SHEET 3 OF 4 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

PROJECT COORDINATES
Illinois State Plane, East Zone, NAD 83 (2011)

PT #	NORTHING	EASTING	STATION	OFFSET
106	2019352.06	923587.05	129+21.03	39.77 RT
107	2019361.08	923599.35	129+21.03	55.02 RT
108	2019072.87	923811.19	125+62.72	55.00 RT
109	2019062.98	923799.02	125+62.57	39.83 RT

NOTE: SEE SHEET 4 FOR TOTAL HOLDINGS

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
1M70003TE	8.569	N/A	N/A	N/A	0.125	N/A	17-17-200-002
1M70004TE	23.808	N/A	N/A	N/A	0.018	N/A	17-17-100-005 17-17-200-010

REVISION DATE: / / REVISION MADE BY:

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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
		DRAWN - CJC	REVISED -
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	PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

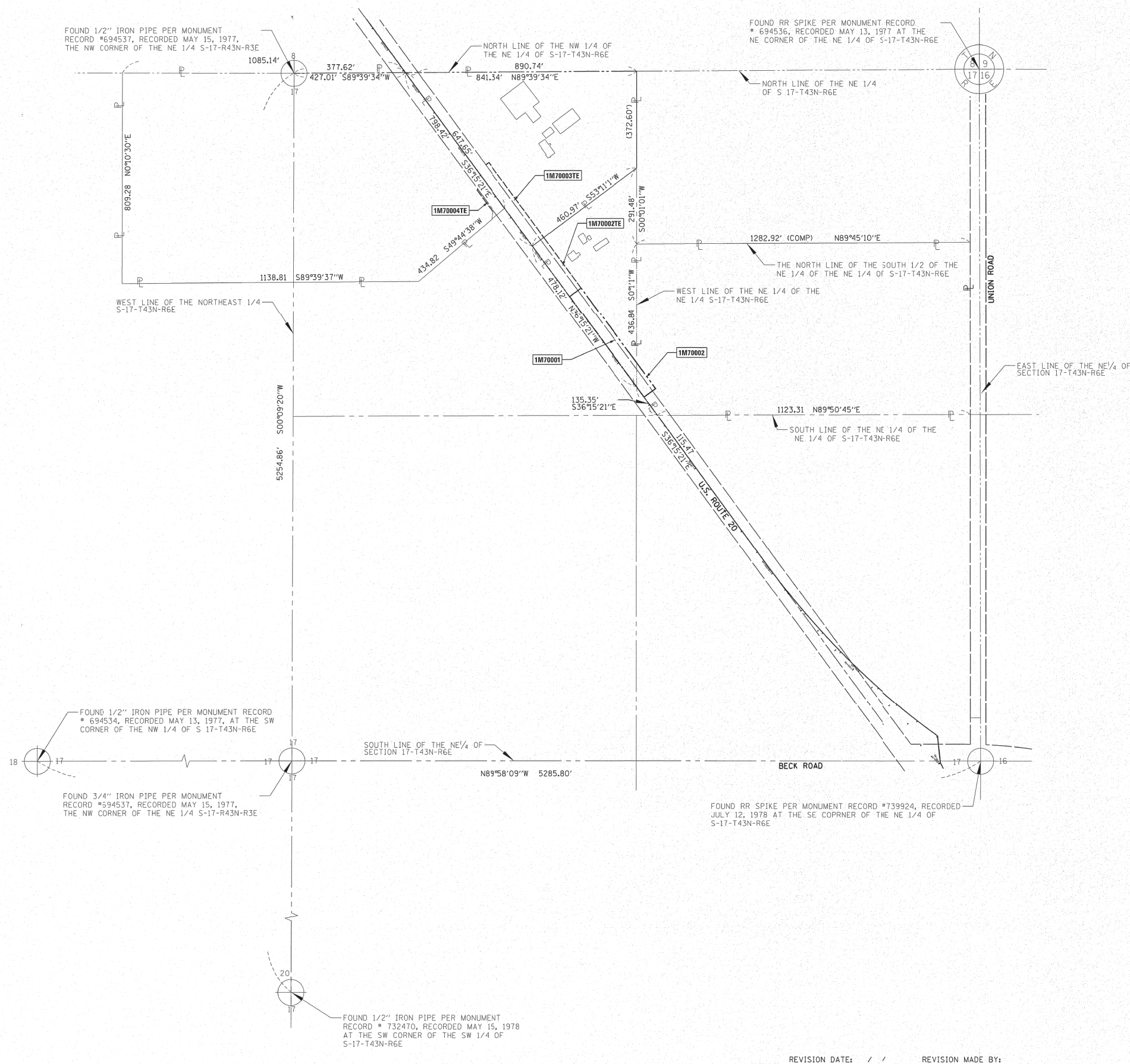
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	176
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

PART OF THE NORTHEAST QUARTER OF SECTION 17, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN MCHENRY COUNTY, ILLINOIS.



LEGEND

SECTION CORNER: 9 10 16 15
 QUARTER SECTION CORNER: 16 15

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
 APPARENT PROPERTY LINE
 EXISTING CENTERLINE
 PROPOSED CENTERLINE
 EXISTING RIGHT OF WAY LINE
 PROPOSED RIGHT OF WAY LINE
 EXISTING EASEMENT
 PROPOSED EASEMENT
 EXISTING ACCESS CONTROL LINE
 PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

GRAPHIC SCALE
 FEET
 0 100'
 SCALE: 1" = 100'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (XXIX ADJUSTMENT), EAST ZONE.

IRON PIPE OR ROD FOUND
 CUT CROSS FOUND OR SET
 STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 RIGHT OF WAY STAKING PROPOSED TO BE SET

BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2001 ADJUSTMENT) "GRID"
 ALL MEASURED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.
 AREAS SHOWN ON THIS PLAT ARE COMPUTED GROUND DISTANCE.

STATE OF ILLINOIS)
))
 COUNTY OF)

THIS IS TO CERTIFY THAT I, THOMAS J. GALBREATH, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, (WE, DB STERLIN CONSULTANTS, INC., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION, NUMBER 184-001909, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 17, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, MCHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT _____, ILLINOIS THIS ___ DAY OF _____ 20__ A.D.

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. _____
 LICENSE EXPIRATION DATE: _____

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

DBS DB STERLIN CONSULTANTS, INC.
 123 N. WACKER DRIVE SUITE 2000
 CHICAGO, ILLINOIS 60606
 TEL. (312)857-1006 FAX. (312)857-1056

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 U.S. ROUTE 20 (S. GRANT HIGHWAY)

LIMITS: OVER CREEK 0.4 MILE NW OF BECK RD. COUNTY: MCHENRY
 SECTION: _____ JOB NO.: R-91-004-16
 STA. N/A TO STA. N/A
 SCALE: 1"=100' SHEET 4 OF 4 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

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REVISION DATE: / / REVISION MADE BY:

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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED -	REVISED -
	PLOT SCALE = 20.0000' / in.	DRAWN - CJC	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

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

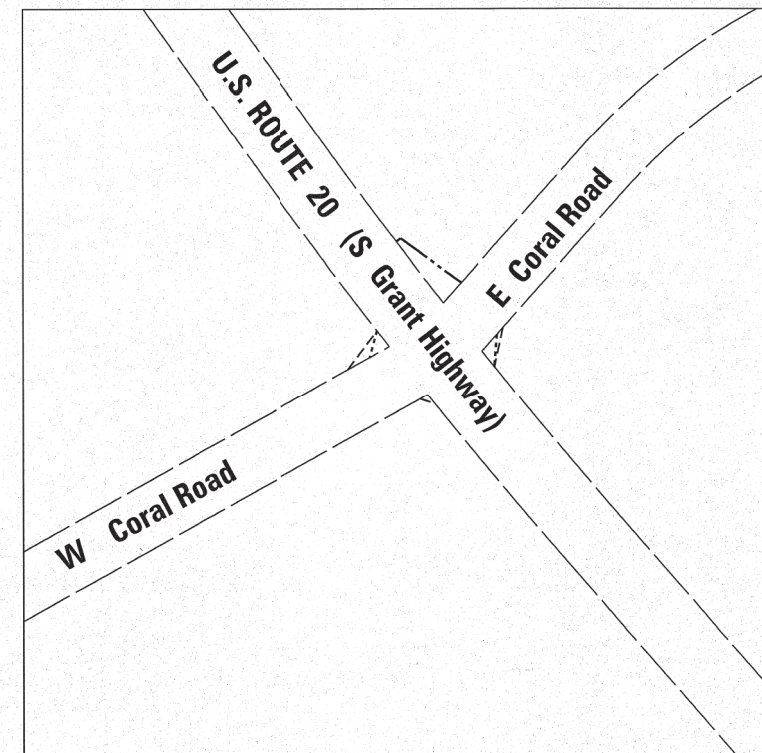
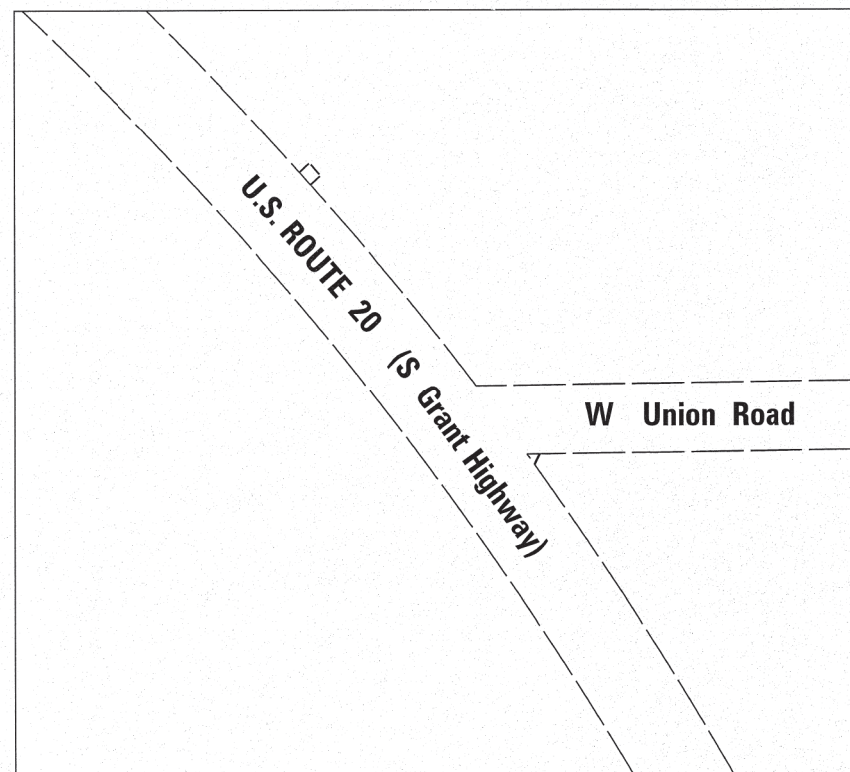
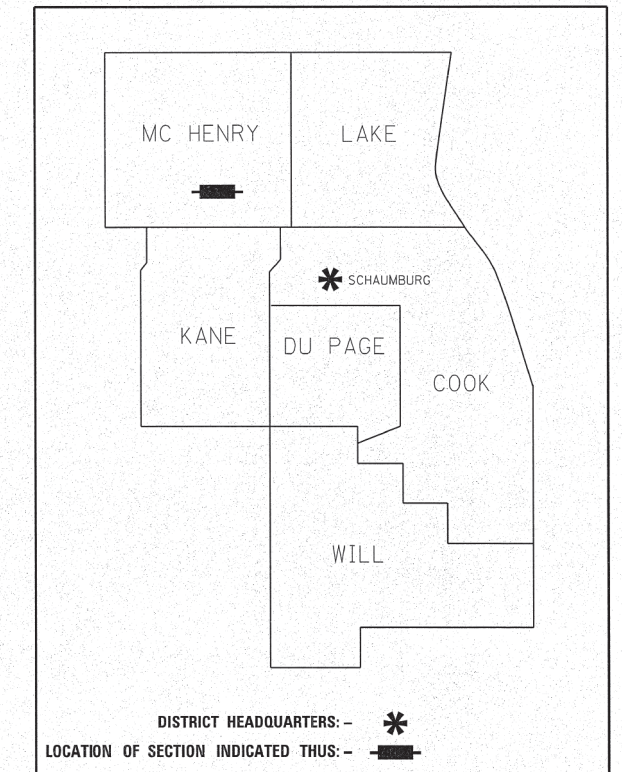
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	177
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PLAT OF HIGHWAYS

ROUTE: U.S. ROUTE 20 (S Grant Highway)
SECTION:
COUNTY: MCHENRY
LIMITS: At West Union Road and at Coral Rd
JOB NO.: R-91-014-15

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
IM60001TE	The Trustee of The Frank's Real Property Trust	2	
IM60002	Margarita A. Mootz, surviving joint tenant	3	
IM60003 IM60003TE	Mark S. Cooper as to an undivided 1/2 interest; Mario Concialdi as to an undivided 1/4 interest and Susan B. Knaack as to an undivided 1/4 interest	4.5	
IM60004	Joseph R. Jacknick and Pamela M. Jacknick, as joint tenants	4.5	
IM60005 IM60005TE	Leech Road Enterprises, LLC, a limited liability company, as to an undivided 1/2 interest, and Griz Kids Holdings, LLC, a limited liability company, as to an undivided 1/2 interest	4.5	
IM60006TE	Michael W. Grismer and Jeffrey C. Grismer, as Successor Trustees of the Rebecca Grismer Trust Number 1 dated February 14, 1992, as to an undivided 1/2 interest; and Leech Road Enterprises, LLC, a limited liability company, as to an undivided 1/2 interest	4.5	



LOCATION MAP

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 LICENSE NO. - J84-001121 - EXPIRES 4/30/2020
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USER NAME = 560KAR	DESIGNED -	REVISED -
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

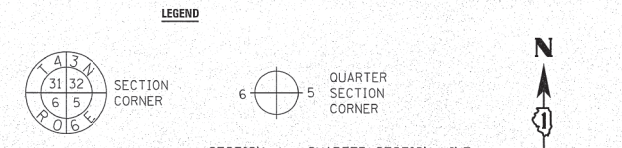
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAT OF HIGHWAYS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	178
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW/1759				

PART OF THE NORTHEAST QUARTER OF SECTION 6, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

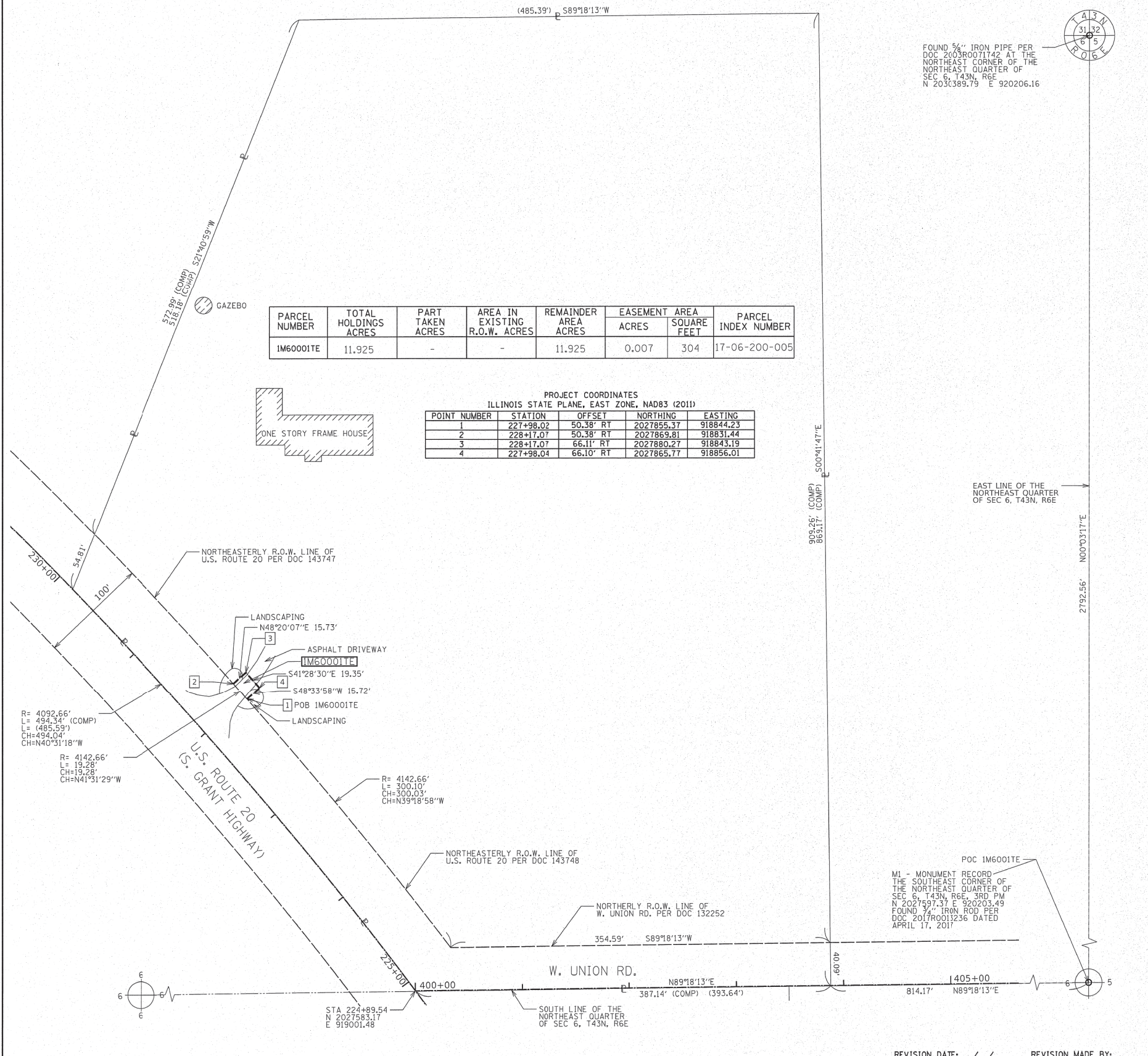


FOUND 3/4" IRON PIPE PER DOC 2003R0071742 AT THE NORTHEAST CORNER OF THE NORTHEAST QUARTER OF SEC 6, T43N, R6E N 203(389.79 E 920206.16

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	AREA SQUARE FEET	PARCEL INDEX NUMBER
1M60001E	11.925	-	-	11.925	0.007	304	17-06-200-005

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
1	227+98.02	50.38' RT	2027855.37	918844.23
2	228+17.07	50.38' RT	2027869.81	918831.44
3	228+17.07	66.11' RT	2027880.27	918843.19
4	227+98.04	66.10' RT	2027865.77	918856.01



- IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
- + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS, BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

SURVEY NOTES:
 1. ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 2. BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 3. ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.
 4. AREAS SHOWN ON THIS PLAT ARE "GROUND".

STATE OF ILLINOIS)
) SS
 COUNTY OF McHENRY)

THIS IS TO CERTIFY THAT I, SCOTT K. SVEEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SCHAUMBURG, ILLINOIS THIS 10TH DAY OF AUGUST 2018 A.D.

Scott K. Sveen
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3783
 LICENSE EXPIRATION DATE: 11/2018



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

Illinois Department of Transportation
 Division of Highways/District 1

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20
(S GRANT HIGHWAY)

LIMITS: AT W. UNION RD. AND AT CORAL RD. COUNTY: McHENRY
 SECTION: JOB NO.: R-91-014-15
 STA. 224+89.54 TO STA. 230+00.00 (U.S. 20)
 STA. 400+00.00 (UNION RD.)
 SCALE: 1" = 50' SHEET 2 OF 5 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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REVISION DATE: / / REVISION MADE BY:

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USER NAME = 560KAR	DESIGNED -	REVISED -
	DRAWN - CJC	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

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

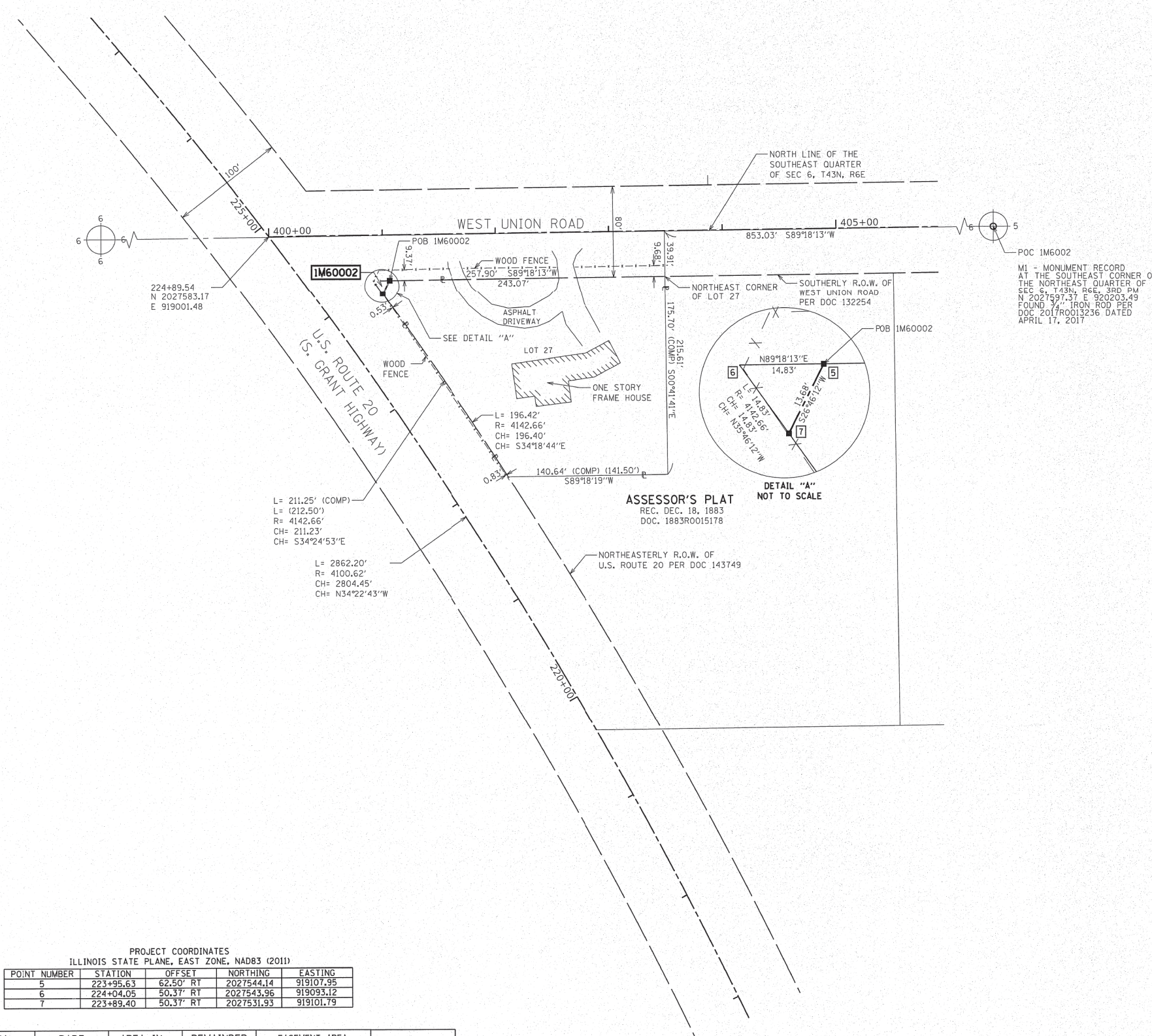
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	McHENRY	329	179
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1(759)				

PART OF THE SOUTHEAST QUARTER OF SECTION 6, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.

LEGEND

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
0 50 FEET
SCALE: 1" = 50'



- BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.
- IRON PIPE OR ROD FOUND
 - ⊕ "MAU" NAIL SET
 - + CUT CROSS FOUND OR SET
 - 5 / 8" REBAR SET
 - STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
 - M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
 - PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
 - RIGHT OF WAY STAKING PROPOSED TO BE SET

- SURVEY NOTES:**
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
 - BEARING, DISTANCES, AND COORDINATES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM OF 1983 (2011 ADJUSTMENT) "GRID".
 - ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES, DIVIDE GRID DISTANCES SHOWN BY THE COMBINATION FACTOR OF 0.999947.
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STATE OF ILLINOIS)
)SS
COUNTY OF McHENRY)

THIS IS TO CERTIFY THAT I, SCOTT K. SVEEN, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 6, TOWNSHIP 43 NORTH, RANGE 6 EAST OF THE THIRD PRINCIPAL MERIDIAN, IN McHENRY COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT SCHAUMBURG, ILLINOIS THIS 10TH DAY OF AUGUST 2018 A.D.

Scott K. Sveen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3783
LICENSE EXPIRATION DATE: 11/2018



THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20
(S GRANT HIGHWAY)

LIMITS: AT W. UNION RD. AND AT CORAL RD. COUNTY: McHENRY
SECTION: JOB NO.: R-91-014-15
STA. 217+00 TO STA. 227+00 (U.S. 20)
400+00 TO 405+00 (UNION RD.)
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

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PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
5	223+95.63	62.50' RT	2027544.14	919107.95
6	224+04.05	50.37' RT	2027543.96	919093.12
7	223+89.40	50.37' RT	2027531.93	919101.79

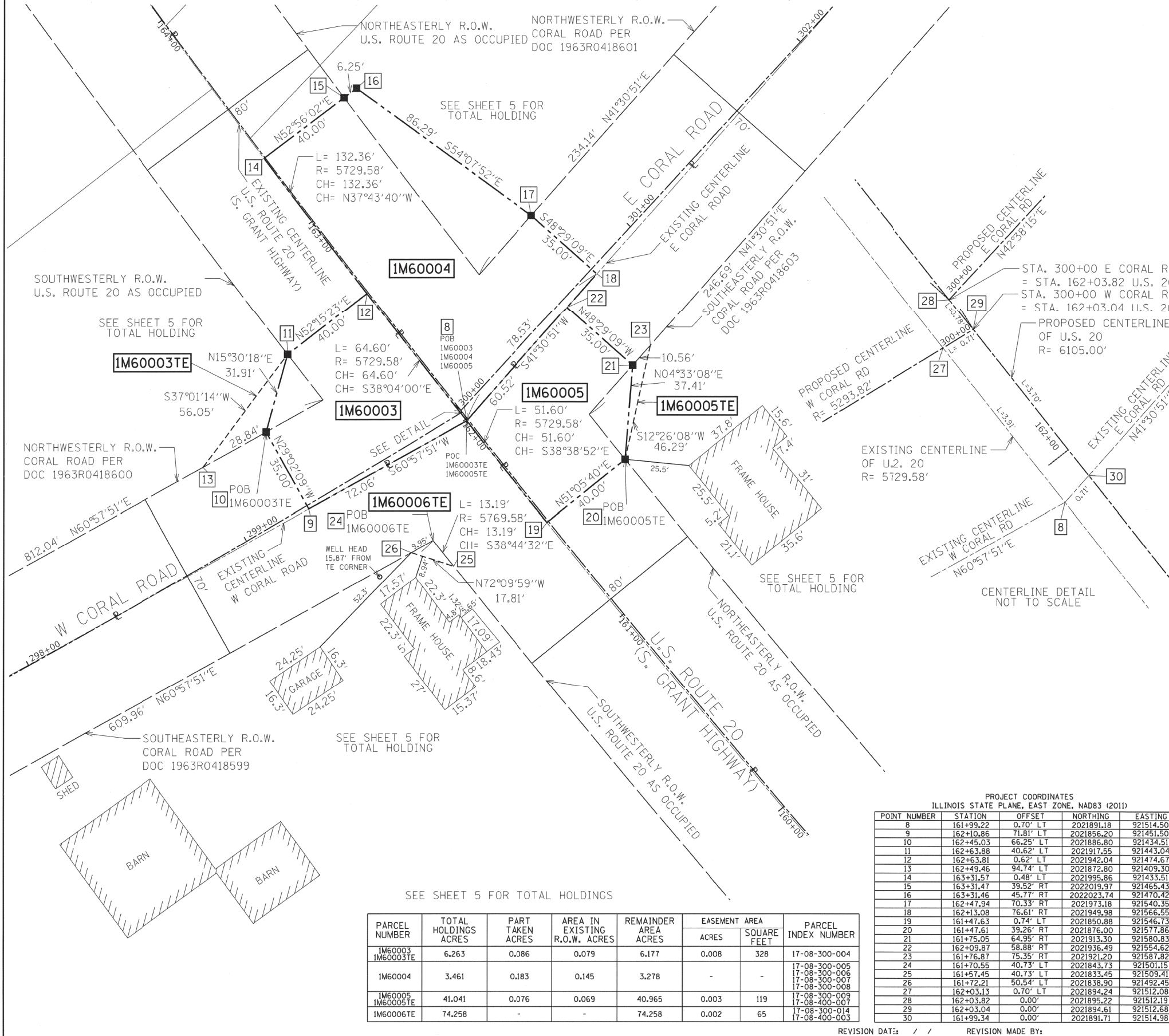
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
IM60002	0.799	0.002 (90 SQ. FT.)	-	0.797	-	-	17-06-400-002

REVISION DATE: / / REVISION MADE BY:

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	USER NAME = 560KAR	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - CJC	REVISED -			525	2016-092B&R	McHENRY	329	180
PLOT SCALE = 20.0000' / in.	CHECKED - JFM	REVISED -	CONTRACT NO. 62D36							
PLOT DATE = 1/17/2020	DATE - 01-24-20	FILE - D162D36-sht-Plats.dgn	SCALE:			SHEET 3	OF 5 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT GHWI(759)

PART OF THE SOUTHWEST QUARTER OF SECTION 8, TWP. 43 N., R. 6 E. OF THE 3RD. P.M., IN McHENRY COUNTY, ILLINOIS.



LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
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- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE
FEET
SCALE: 1" = 20'

BEARINGS ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

- IRON PIPE OR ROD FOUND
- ⊕ *MAG* NAIL SET
- + CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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STATE OF ILLINOIS)
)SS
COUNTY OF McHENRY)

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DATED AT SCHAUMBURG, ILLINOIS THIS 10TH DAY OF AUGUST 2018 A.D.

Scott K. Sveen
ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 3783
LICENSE EXPIRATION DATE: 11/2018

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT NUMBER	STATION	OFFSET	NORTHING	EASTING
8	161+99.22	0.70' LT	921891.18	921514.50
9	162+10.86	71.81' LT	921856.20	921451.50
10	162+45.03	66.25' LT	921886.80	921434.51
11	162+63.88	40.62' LT	921917.55	921443.04
12	162+63.81	0.62' LT	921942.04	921474.67
13	162+49.46	94.74' LT	921872.80	921409.30
14	163+31.57	0.48' LT	921995.86	921433.51
15	163+31.47	39.52' RT	922019.37	921465.43
16	163+31.46	45.77' RT	922023.74	921470.42
17	162+47.94	70.33' RT	921973.18	921540.35
18	162+13.08	76.61' RT	921949.98	921566.55
19	161+47.63	0.74' LT	921850.88	921546.73
20	161+47.61	39.26' RT	921876.00	921577.86
21	161+75.05	64.95' RT	921913.30	921580.83
22	162+09.87	58.88' RT	921936.49	921554.62
23	161+76.87	75.35' RT	921921.20	921587.82
24	161+70.55	40.73' LT	921843.73	921501.15
25	161+57.45	40.73' LT	921833.45	921509.41
26	161+72.21	50.51' LT	921838.90	921492.45
27	162+03.13	0.70' LT	921894.24	921512.08
28	162+03.82	0.00'	921895.22	921512.19
29	162+03.04	0.00'	921894.61	921512.68
30	161+99.34	0.00'	921891.71	921514.98

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT		PARCEL INDEX NUMBER
					ACRES	SQUARE FEET	
IM60003 IM60003TE	6.263	0.086	0.079	6.177	0.008	328	17-08-300-004
IM60004	3.461	0.183	0.145	3.278	-	-	17-08-300-005 17-08-300-006 17-08-300-007 17-08-300-008
IM60005 IM60005TE	41.041	0.076	0.069	40.965	0.003	119	17-08-300-009 17-08-400-007
IM60006TE	74.258	-	-	74.258	0.002	65	17-08-300-014 17-08-400-003

Illinois Department of Transportation
Division of Highways/District 1

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
U.S. ROUTE 20
(S GRANT HIGHWAY)

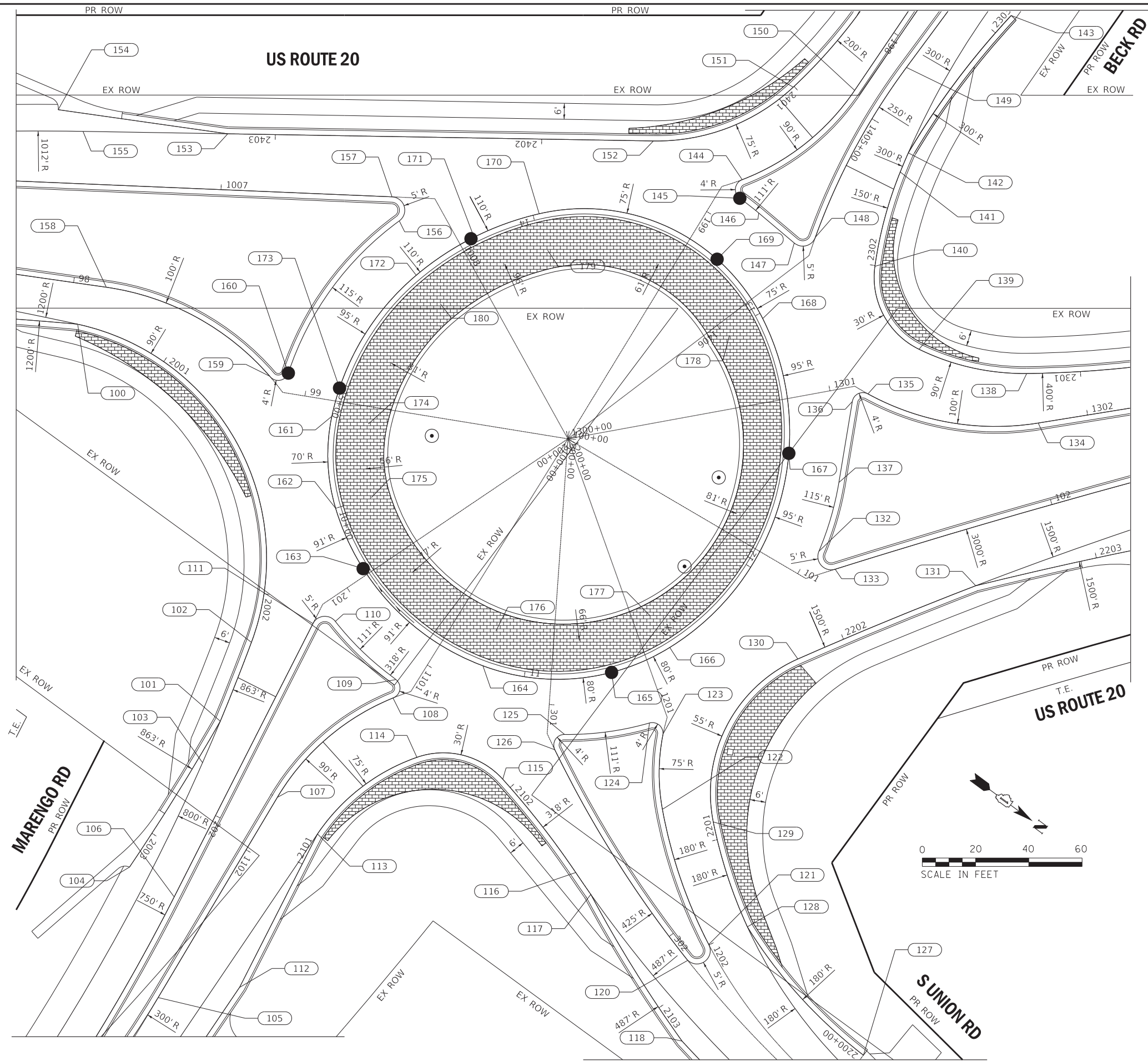
LIMITS: AT W. UNION RD. AND AT CORAL RD. COUNTY: McHENRY

SECTION: STA. 160+00 TO STA. 164+00 (U.S. 20) JOB NO.: R-91-014-15
STA. 298+00 TO STA. 302+00 (CORAL RD.) SHEET 4 OF 5 SHEETS
SCALE: 1" = 20'

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
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POINT	STATION	OFFSET	ELEVATION	NORTHING	EASTING
100	2000+64.77	0.00	895.23	2016875.04	925410.84
101	2002+50.70	0.00	893.62	2017006.15	925499.47
102	2002+18.87	0.00	893.74	2016998.07	925468.69
103	2002+67.42	-2.09	893.55	2017009.97	925515.90
104	2003+15.24	0.00	893.03	2017011.09	925563.80
105	1102+64.56	0.00	893.79	2017048.72	925596.93
106	202+34.25	0.00	893.52	2017031.23	925562.90
107	1101+77.11	0.00	894.13	2017040.34	925509.89
108	1101+18.83	0.00	894.36	2017053.27	925454.10
109	10+60.02	20.01	894.28	2017050.00	925447.81
110	10+34.13	20.00	894.09	2017018.80	925443.72
111	201+19.16	0.00	894.08	2017012.52	925449.35
112	2100+48.17	0.00	893.30	2017071.08	925575.67
113	2101+12.67	0.00	893.82	2017060.62	925512.03
114	2101+60.60	0.00	894.00	2017073.69	925466.75
115	2101+95.84	0.00	894.20	2017104.52	925454.33
116	2102+40.37	0.00	893.36	2017147.35	925466.38
117	2102+50.33	0.00	893.15	2017156.76	925469.65
118	2103+15.28	0.00	891.44	2017216.99	925493.82
120	302+10.66	0.00	892.46	2017200.07	925467.95
121	1201+99.79	0.00	892.09	2017203.59	925458.64
122	1201+45.91	0.00	893.82	2017159.53	925428.00
123	1201+17.95	0.00	894.72	2017143.22	925405.49
124	11+40.03	22.37	894.84	2017136.43	925404.75
125	11+14.62	20.72	894.68	2017100.60	925410.67
126	301+17.66	0.00	894.57	2017113.74	925433.85
127	2200+00.00	0.00	889.99	2017274.97	925457.81
128	2200+65.31	0.00	891.82	2017211.35	925444.73
129	2201+06.81	0.00	893.26	2017177.74	925420.54
130	2201+81.32	0.00	895.15	2017167.15	925352.41
131	2202+53.52	0.00	894.48	2017204.71	925290.76
132	12+15.56	20.00	895.45	2017149.61	925315.15
133	101+15.11	0.00	895.34	2017158.50	925316.95
134	1301+81.23	0.00	894.77	2017187.50	925227.61
135	1301+15.19	0.00	895.48	2017129.48	925256.59
136	12+62.73	24.06	895.53	2017126.44	925262.36
137	12+37.84	20.00	895.58	2017140.36	925289.89
138	2301+20.18	0.00	894.49	2017173.01	925215.18
139	2301+61.98	0.00	895.01	2017135.05	925231.74
140	2301+99.69	0.00	894.90	2017103.27	925216.43
141	2302+36.45	0.00	895.23	2017089.99	925182.24
142	2302+44.25	0.00	895.31	2017088.17	925174.66
143	2303+08.82	0.00	895.49	2017088.81	925110.21
144	198+80.96	0.00	895.09	2017043.85	925219.66
145	13+32.81	23.14	894.98	2017047.26	925225.82
146	13+25.92	23.35	895.05	2017056.29	925226.07
147	13+12.85	25.35	895.14	2017073.66	925227.27
148	1405+49.41	0.00	895.29	2017078.80	925220.87
149	1404+76.77	0.00	895.75	2017068.63	925149.20
150	198+26.22	0.00	895.75	2017058.06	925167.65
151	2401+00.45	0.00	895.30	2017038.75	925180.33
152	2401+58.07	0.00	894.62	2017008.38	925227.64
153	2403+17.85	0.00	893.37	2016877.97	925319.96
154	2403+82.14	0.00	892.96	2016821.30	925350.31
155	2403+71.78	-6.74	893.27	2016833.61	925351.36
156	14+42.73	19.97	893.97	2016949.23	925308.26
157	1007+64.23	0.00	894.08	2016941.68	925302.59
158	98+12.41	0.00	893.41	2016875.29	925393.37
159	98+84.01	0.00	893.65	2016944.76	925384.11
160	15+02.26	20.00	893.61	2016949.45	925378.97
161	15+12.59	0.00	894.36	2016972.20	925382.39
162	10+00.00	0.00	893.71	2016993.77	925409.39
163	10+25.00	0.00	893.90	2017015.52	925421.56
164	10+83.92	0.00	894.34	2017073.34	925424.39
165	11+33.04	0.00	894.71	2017113.74	925397.83
166	11+56.88	0.00	894.89	2017125.81	925377.36
167	12+45.58	0.00	895.48	2017118.74	925292.15
168	12+97.78	0.00	895.25	2017080.90	925257.15
169	13+26.03	0.00	894.98	2017053.94	925249.30
170	13+97.68	0.00	894.29	2016989.97	925275.05
171	14+25.00	0.00	894.02	2016974.89	925297.75
172	14+49.74	0.00	893.78	2016966.43	925320.94
173	15+01.63	0.00	893.49	2016968.27	925372.15
174	15+12.59	-14.00	894.68	2016984.96	925376.62
175	10+00.00	-14.00	894.03	2017002.21	925398.23
176	10+83.92	-14.00	894.66	2017069.55	925410.92
177	11+56.88	-14.00	895.21	2017112.83	925372.12
178	12+97.78	-14.00	895.57	2017074.54	925269.62
179	13+97.68	-14.00	894.61	2017000.58	925284.18
180	14+49.74	-14.00	894.10	2016980.04	925324.23

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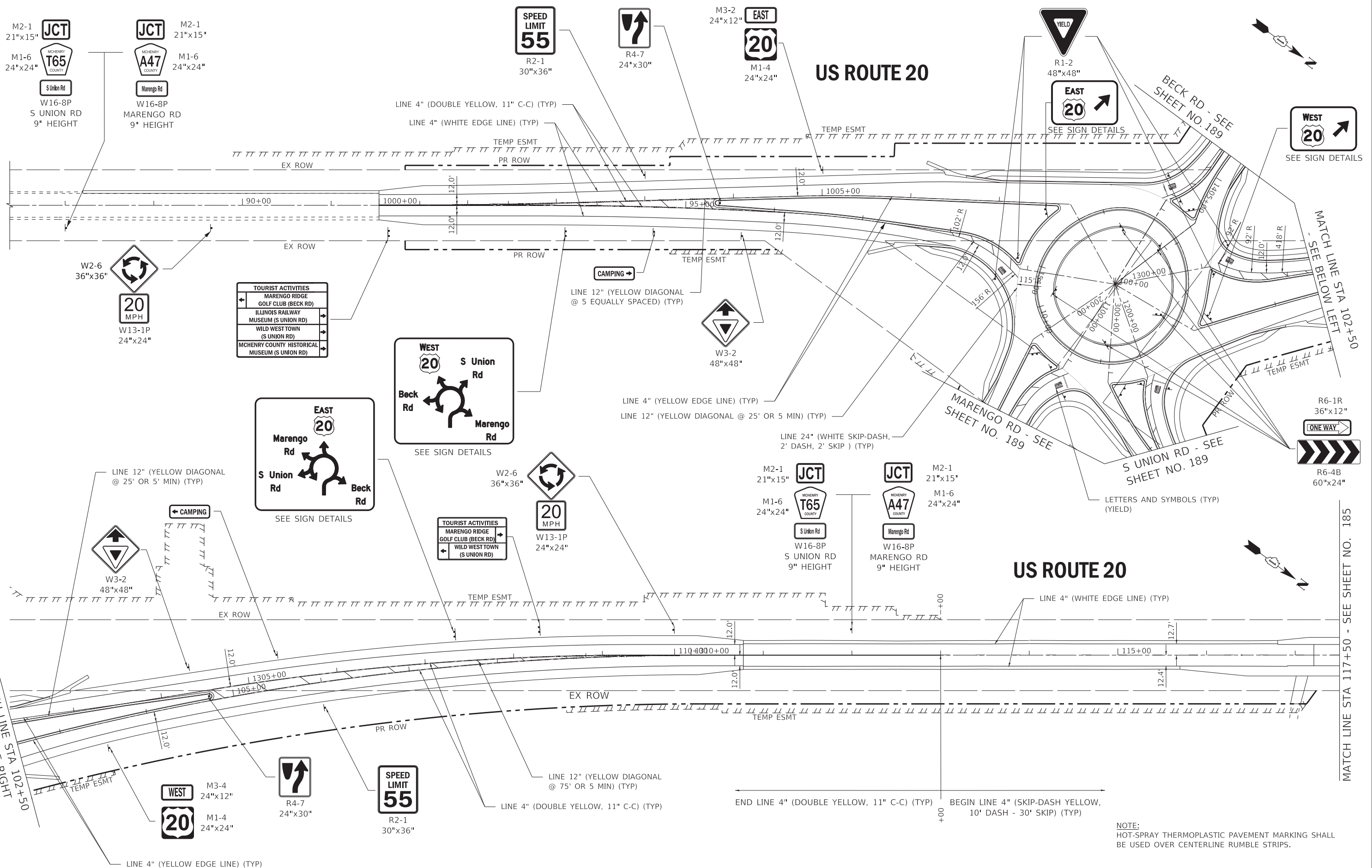
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	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-intersec_US20.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION GEOMETRIC PLAN
US ROUTE 20 AT BECK RD, MARENGO RD AND S UNION RD

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	183
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW#1759				



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	PLOT SCALE = 50.0000' / in.	DRAWN - CJC	REVISED -
	PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
		DATE - 01-24-20	FILE - D162D36-sht-pmk01_US20.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING AND SIGNING	
US ROUTE 20	
SCALE: 1" = 50'	SHEET 1 OF 8 SHEETS
STA. 87+00	TO STA. 117+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	184
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW/1759				

NOTE:
HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING SHALL BE USED OVER CENTERLINE RUMBLE STRIPS.

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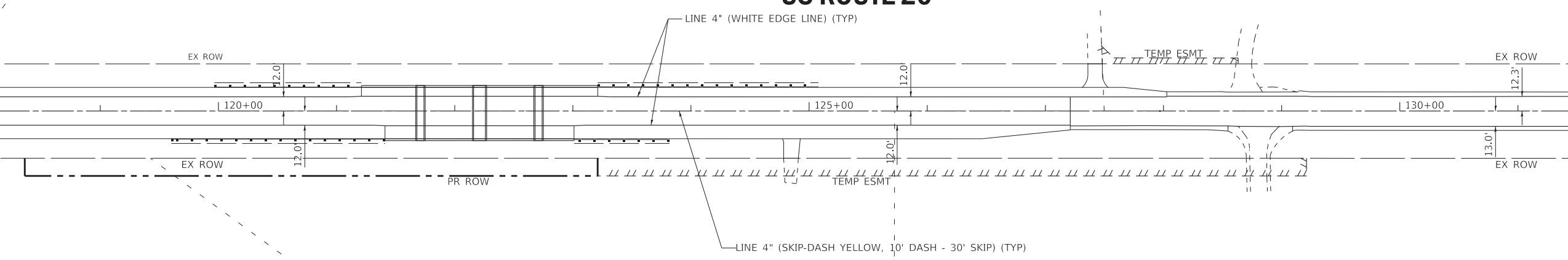
MATCH LINE STA 117+50 - SEE SHEET NO. 184

MATCH LINE STA 132+50 - SEE ABOVE RIGHT

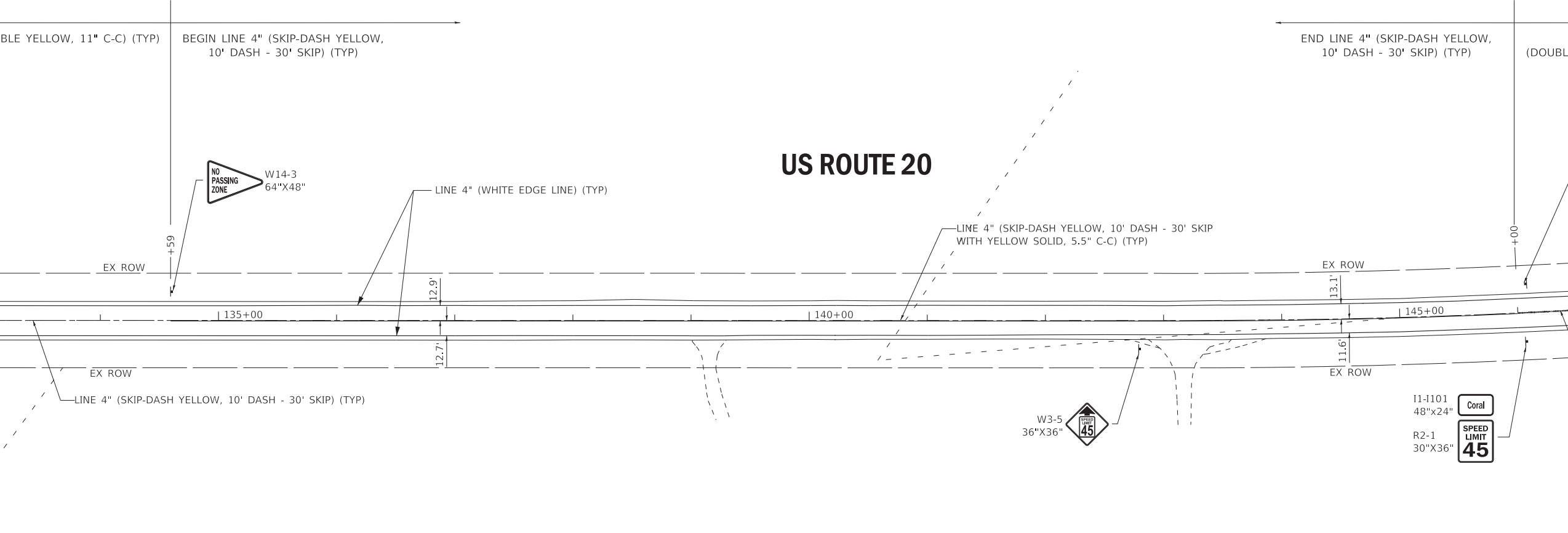
MATCH LINE STA 132+50 - SEE BELOW LEFT

MATCH LINE STA 147+50 - SEE SHEET NO. 186

US ROUTE 20



US ROUTE 20



NOTE:
HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING SHALL BE USED OVER CENTERLINE RUMBLE STRIPS.

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		DATE - 01-24-20	FILE - D162D36-sht-pmk02_US20.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
US ROUTE 20

SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. 117+50 TO STA. 147+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	185
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				

MATCH LINE STA 147+50 - SEE SHEET NO.185

MATCH LINE STA 160+00 - SEE ABOVE RIGHT

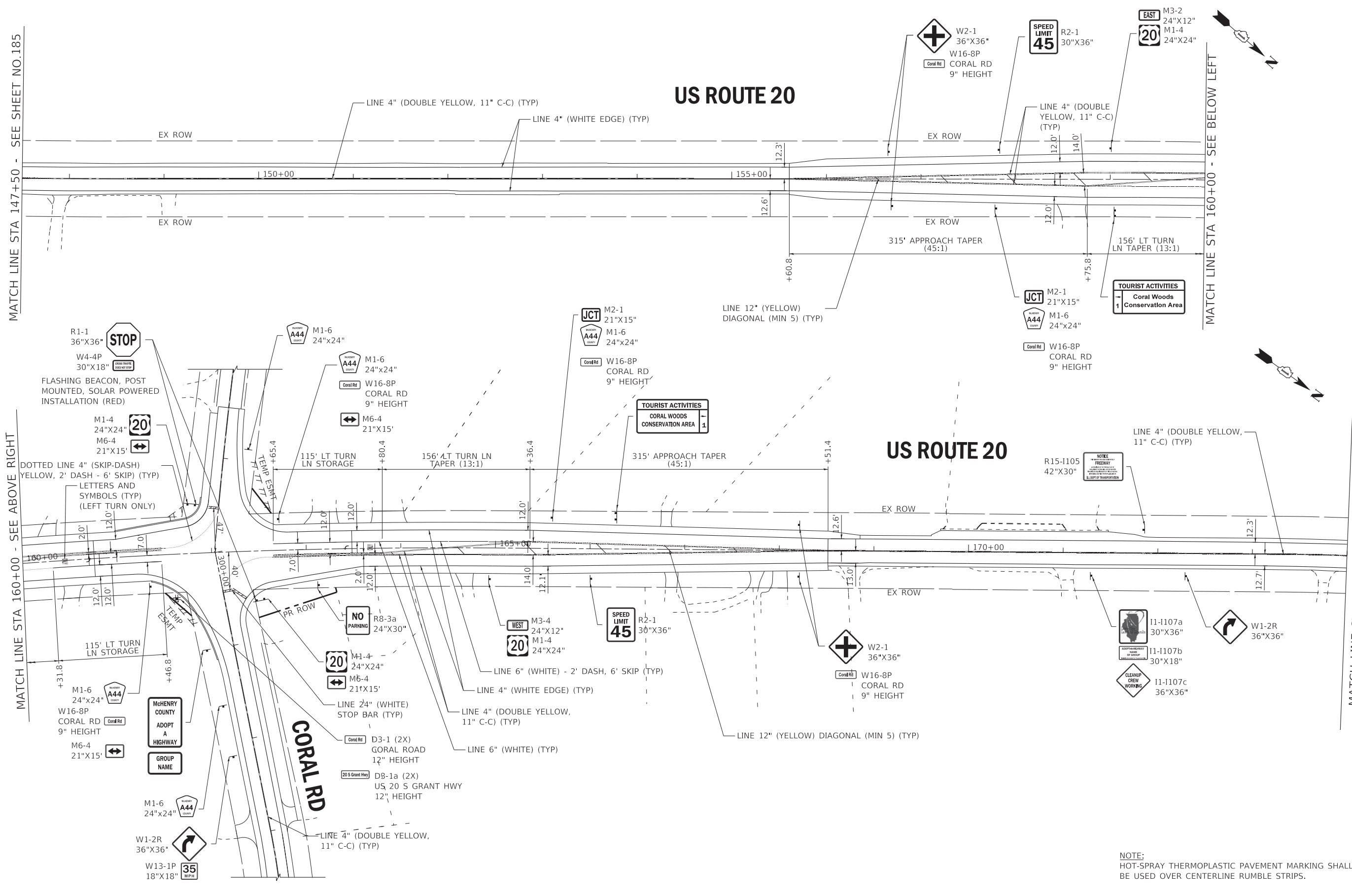
MATCH LINE STA 160+00 - SEE BELOW LEFT

MATCH LINE STA 174+00 - SEE SHEET NO.187

US ROUTE 20

US ROUTE 20

CORAL RD



NOTE:
HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING SHALL BE USED OVER CENTERLINE RUMBLE STRIPS.

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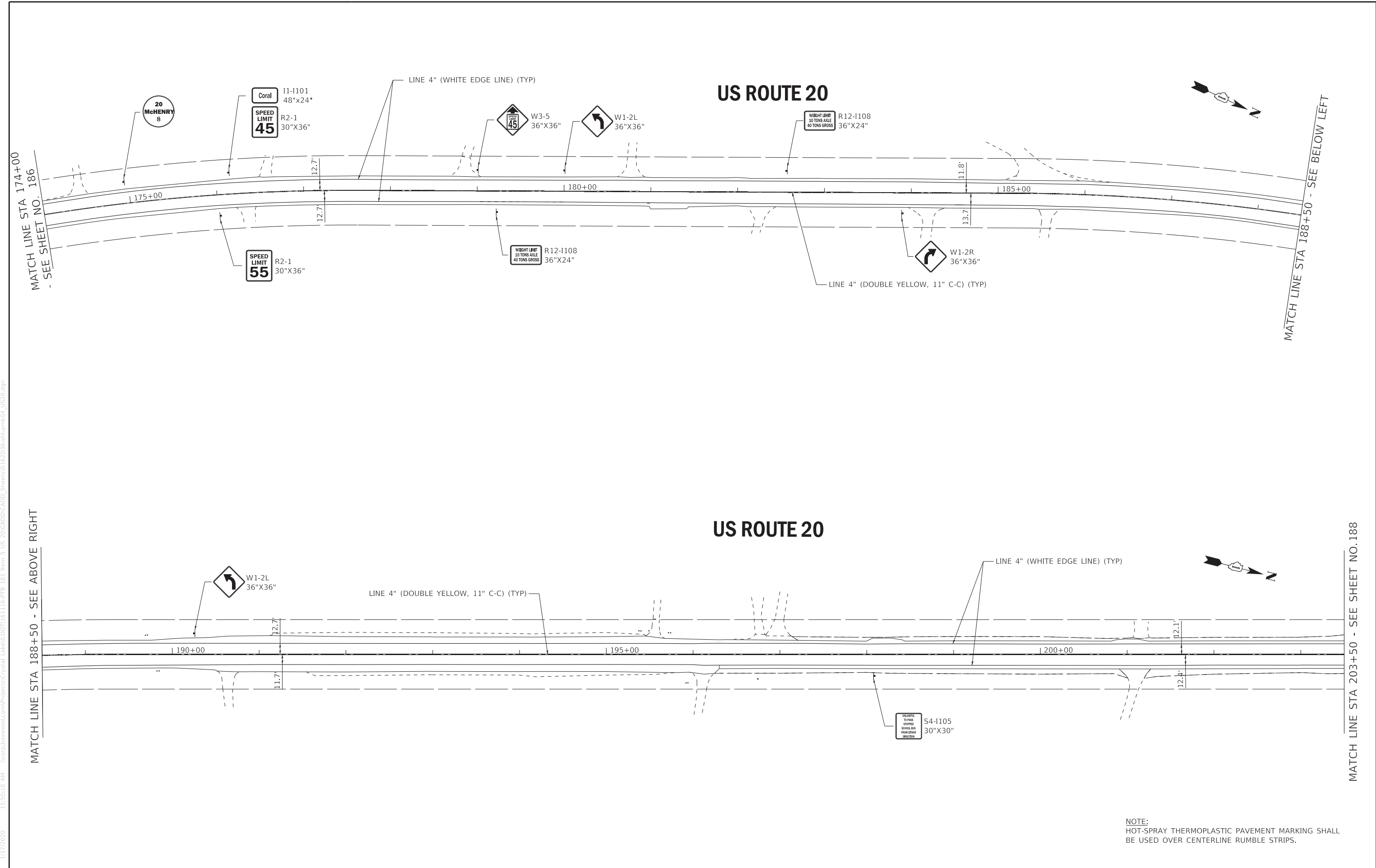
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
US ROUTE 20

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. 147+50 TO STA. 174+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	186
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

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NOTE:
 HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING SHALL
 BE USED OVER CENTERLINE RUMBLE STRIPS.

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		DATE - 01-24-20	FILE - D162D36-sht-pmk04_US20.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING US ROUTE 20			
SCALE: 1" = 50'	SHEET 4 OF 8 SHEETS	STA. 174+00	TO STA. 203+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	187
CONTRACT NO. 62D36			ILLINOIS FED. AID PROJECT GWI(759)	

MATCH LINE STA 203+50 - SEE SHEET NO. 187

MATCH LINE STA 218+50 - SEE ABOVE RIGHT

US ROUTE 20

LINE 4" (WHITE EDGE LINE) (TYP)

LINE 4" (DOUBLE YELLOW, 11" C-C) (TYP)

R15-1105
42"X30"
NOTICE: FREIGHTWAY ALL LEFT OF TRANSPORTATION

W2-2
36"X36"
W16-8P
W UNION RD
9" HEIGHT

SPEED LIMIT
55
R2-1
30"X36"

TOURIST ACTIVITIES
MCHENRY COUNTY
HISTORICAL MUSEUM
ILLINOIS RAILWAY
MUSEUM

LINE 4" (DOUBLE YELLOW, 11" C-C) (TYP)
D1-1A
18" HEIGHT
Union 2
DOTTED LINE 4" (SKIP-DASH
YELLOW, 2' DASH - 6' SKIP) (TYP)
LINE 12" (YELLOW)
DIAGONAL (5 MIN) (TYP)

W16-8P
W UNION RD
9" HEIGHT
M6-1
21"X15"

W1-7
48"X24"

D1-1a
18" HEIGHT
Union 2

US ROUTE 20

LINE 6" (WHITE) - 2' DASH, 6' SKIP

W2-2
36"X36"
W16-8P
W UNION RD
9" HEIGHT

EX ROW
12.3'

EX ROW
12.6'

JCT M2-1
21"X15"
A42 M1-6
24"X24"
W16-8P
W UNION RD
9" HEIGHT
M5-1
21"X15"

350' APPROACH
TAPER (50:1)
LINE 4" (WHITE EDGE
LINE) (TYP)

W16-8P
W UNION RD
9" HEIGHT
M6-1
21"X15"

W UNION RD

20 M1-4
24"X24"
M6-4
21"X15"

STOP R1-1
36"X36"
W4-4P
30"X18"

FLASHING BEACON, POST MOUNTED,
SOLAR POWERED INSTALLATION (RED)

LINE 24" (WHITE STOP BAR)
LINE 4" (DOUBLE YELLOW)

D3-1 (2X)
W UNION ROAD
12" HEIGHT
D3-1a (2X)
US 20 S GRANT HWY
12" HEIGHT

END M4-6
24"X12"
A42 M1-6
24"X24"
W16-8P
W UNION RD
9" HEIGHT

WEST M3-4
24"X12"
M1-4
24"X24"

TOURIST ACTIVITIES
MCHENRY COUNTY
HISTORICAL MUSEUM
ILLINOIS RAILWAY
MUSEUM

JCT M2-1
21"X15"
A42 M1-6
24"X24"
W16-8P
W UNION RD
9" HEIGHT
M5-1
21"X15"

W16-8P
W UNION RD
9" HEIGHT

NOTE:
HOT-SPRAY THERMOPLASTIC PAVEMENT MARKING SHALL
BE USED OVER CENTERLINE RUMBLE STRIPS.

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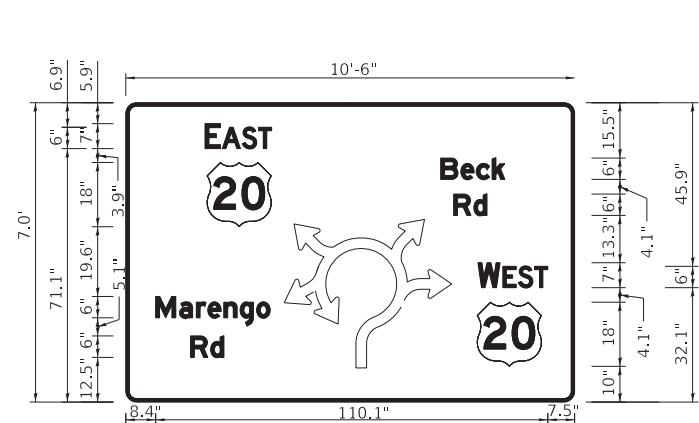
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
US ROUTE 20

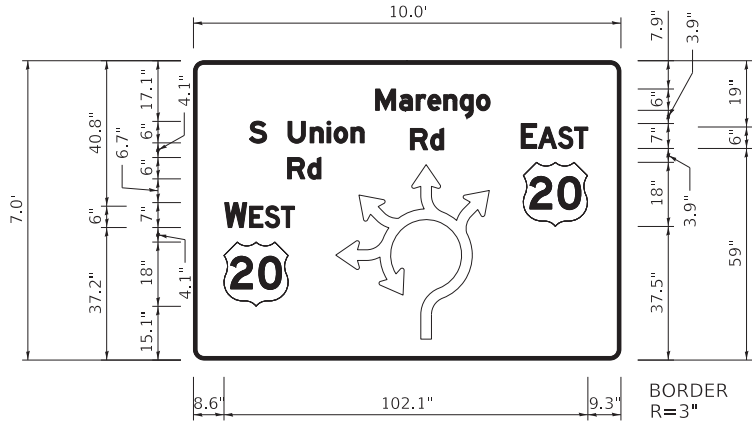
SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. 203+50 TO STA. 233+50

F.A.P. RTE. 525	SECTION 2016-092B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 188
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GW1759				



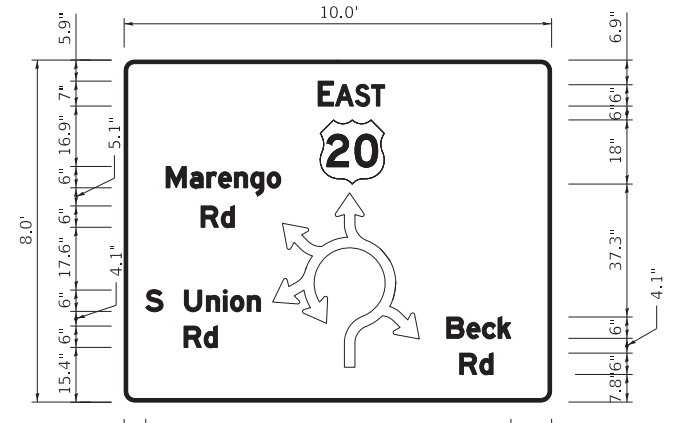
D1-5a

BORDER
R=3"
TH=1"



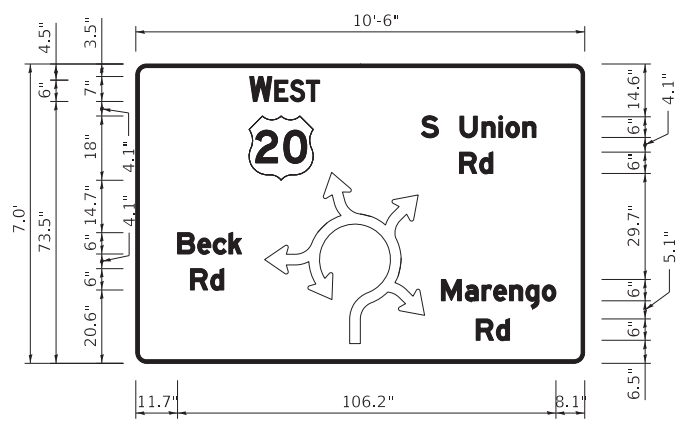
D1-5a

BORDER
R=3"
TH=0.75"



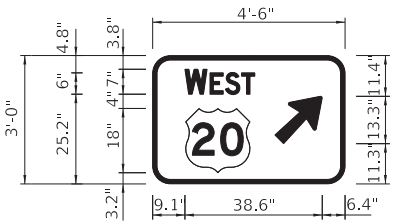
D1-5a

BORDER
R=6"
TH=1"

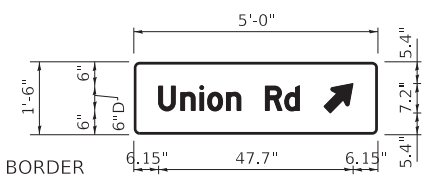


D1-5a

BORDER
R=3"
TH=1"

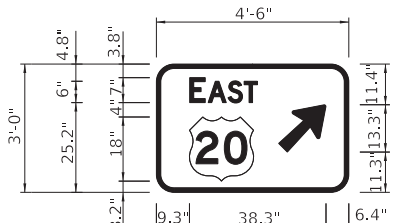


BORDER
R=3"
TH=.75"

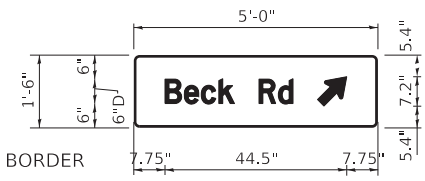


BORDER
R=1.5"
TH=0.75"

D1-1d

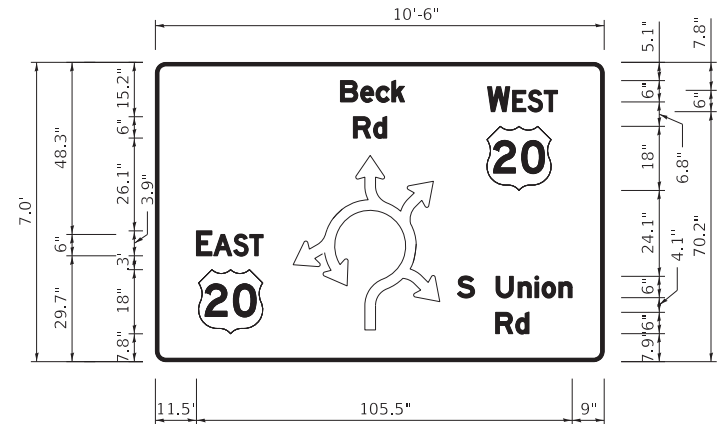


BORDER
R=3"
TH=.75"



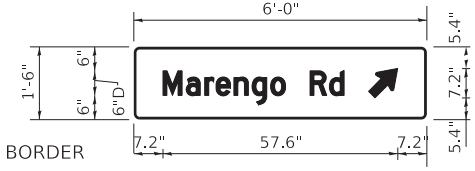
BORDER
R=1.5"
TH=0.75"

D1-1d



D1-5a

BORDER
R=3"
TH=1"



BORDER
R=1.5"
TH=0.75"

D1-1d

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNING
GRADE SIGN DETAILS

SCALE: N.T.S. SHEET 7 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	190
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

Telescoping Sign Post

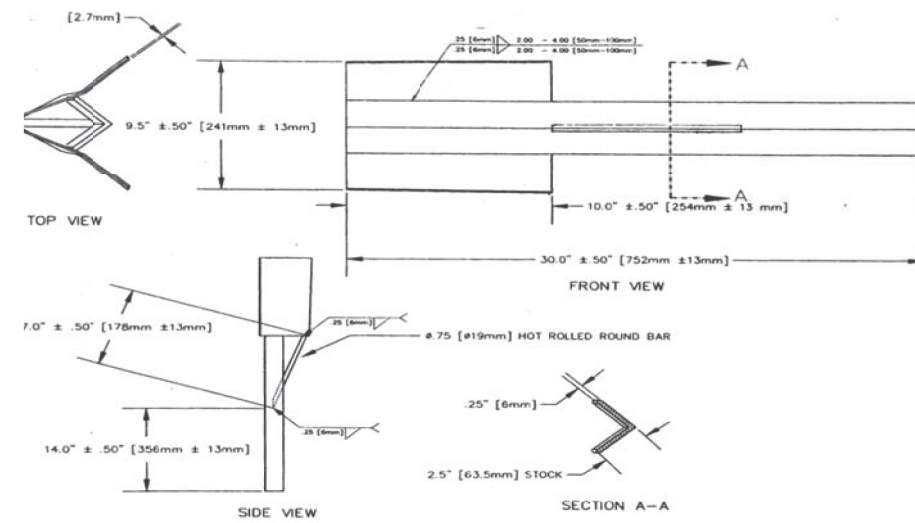
The post shall be a square tube formed of 12 gauge steel according to the standard specification for cold rolled carbon steel sheets commercial quality ASTM A 1008 (A 1008M). The post shall be formed to size and, if necessary, shall be welded in such a manner that weld or flash shall not interfere with telescoping. Holes 7/16 ± 1/64 in. (11 ± 0.4 mm) will be spaced on 1 in. (25 mm) centers on at least two opposite sides. The holes shall align to accept a 3/8 in. (10 mm) bolt through the post at any location. The post shall have a smooth galvanized finish applied either before or after forming. For all other regulations refer to Section 1093 of the latest version of Illinois Standard Specifications for Bridge and Road Construction.

Sign Bases

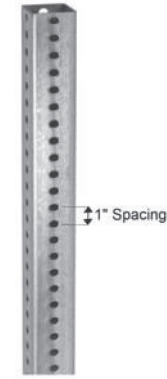
30" bases for breakaway telescoping sign supports shall be model V-Loc, 200-VS3, for use in soft soil and shall be manufactured by TAPCO (Traffic & Parking Control Co., Inc.)

Sign Base Wedge

Galvanized Steel Wedge SWI for V-Loc® post bases



12 Gauge Telescoping Galvanized Square Post, 2"W x 2"D x min. 10'



Stainless steel bolts and washers used for fastening extruded aluminum sign panels to supports, shall be according to ASTM A 276, Type 304. Stainless steel nuts shall be according to ASTM A 240 (A 240M), Type 304.



Base installed 2" Below Surface

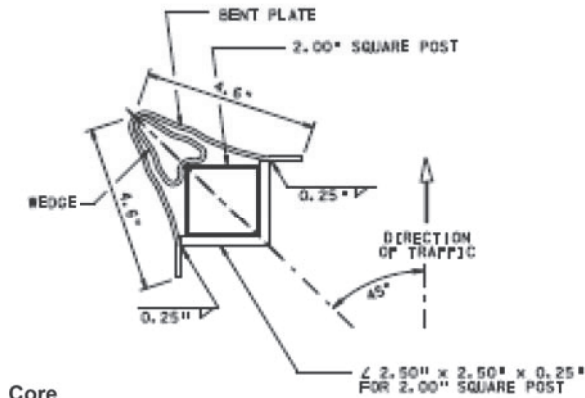
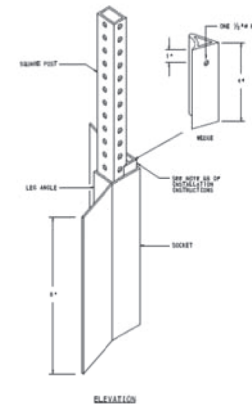
Tapco 200-VS3B V-Loc Traffic Post Breakaway Soil Anchor, for use with 2" Length x 2" Width Telescoping Square Post

Wedge locks post in place

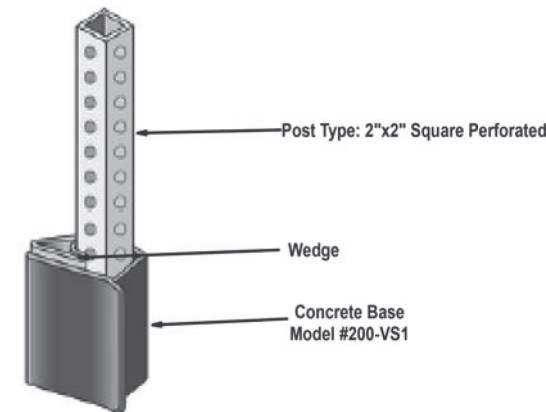
Leg angle 2.5"x2.5"x30"
Fin Dimensions 10x12x12ga

Sign Bases for Concrete & Asphalt Installation

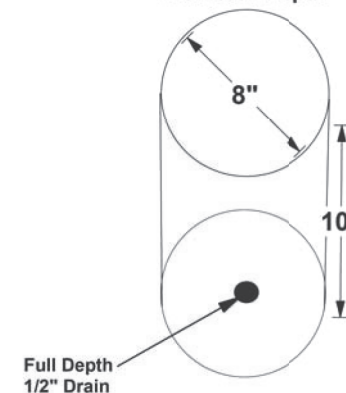
Sign Bases for Concrete & Asphalt Installation, reusable breakaway anchors allow you to replace posts in a matter of a few minutes. The V-Loc® anchor socket can be installed into concrete, asphalt or dirt safely by one person, by either hand or power driver. Once the anchor is installed, simply insert the post, and drive in the patented wedge, which will lock the post into place without the need for any additional hardware. The V-Loc® requires no concrete in the soil. 200-VS1 Model, for 2" x 2" square posts going into concrete, includes the wedge, post and anchor.



Concrete Base Assembly



Core Diameter/ Depth



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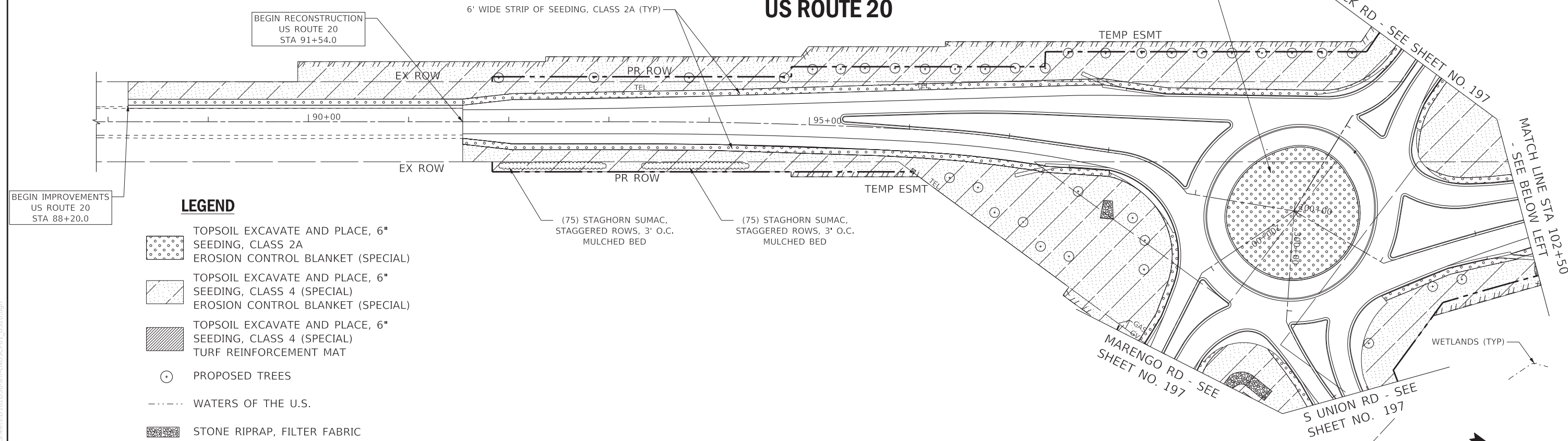
PAVEMENT MARKING AND SIGNING
TELESCOPING STEEL SIGN SUPPORT (SPECIAL) DETAIL

SCALE: N.T.S. SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	192
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

US ROUTE 20

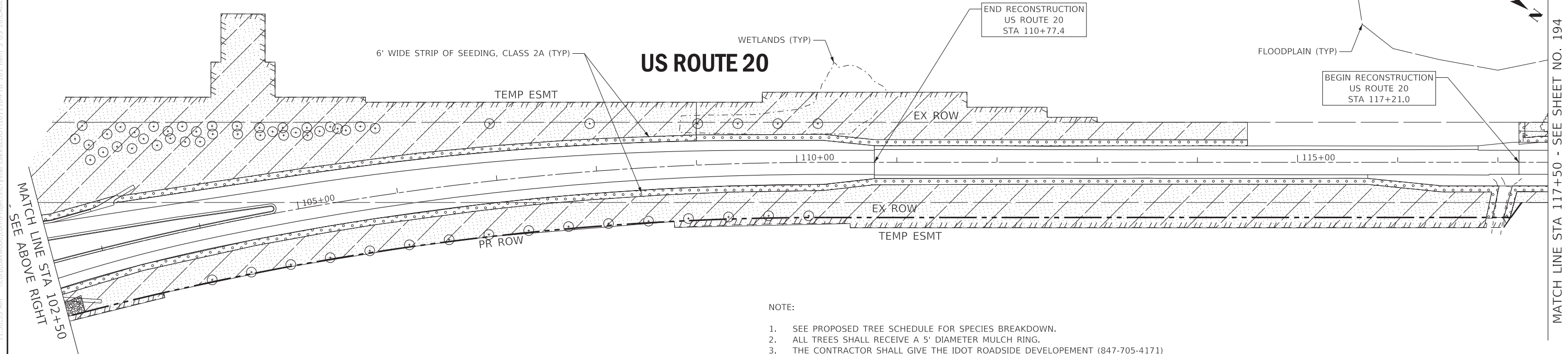
118 UNIT OF KING ALFRED
BULB 18" O.C. GROUP OF
(3) BULBS IN EACH HOLE,
RANDOM PLANTING



LEGEND

- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 2A
- EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
- EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
- TURF REINFORCEMENT MAT
- PROPOSED TREES
- WATERS OF THE U.S.
- STONE RIPRAP, FILTER FABRIC

US ROUTE 20



NOTE:

1. SEE PROPOSED TREE SCHEDULE FOR SPECIES BREAKDOWN.
2. ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.
3. THE CONTRACTOR SHALL GIVE THE IDOT ROADSIDE DEVELOPEMENT (847-705-4171) ONE WEEK ADVANCED NOTICE PRIOR TO INSTALLATION TO INFORM WHEN LAOUT WILL BE COMPLETED FOR REVIEW AND ACCEPTANCE.

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PLOT DATE = 1/17/2020	CHECKED - JFM	REVISED -
	DATE - 01-24-20	FILE - D162D36-sht-LNDSCP01_US20.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN US ROUTE 20	
SCALE: 1" = 50'	SHEET 1 OF 5 SHEETS
STA. 87+00	TO STA. 117+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	193
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

MATCH LINE STA 117+50 - SEE SHEET NO. 193

MATCH LINE STA 132+50 - SEE ABOVE RIGHT

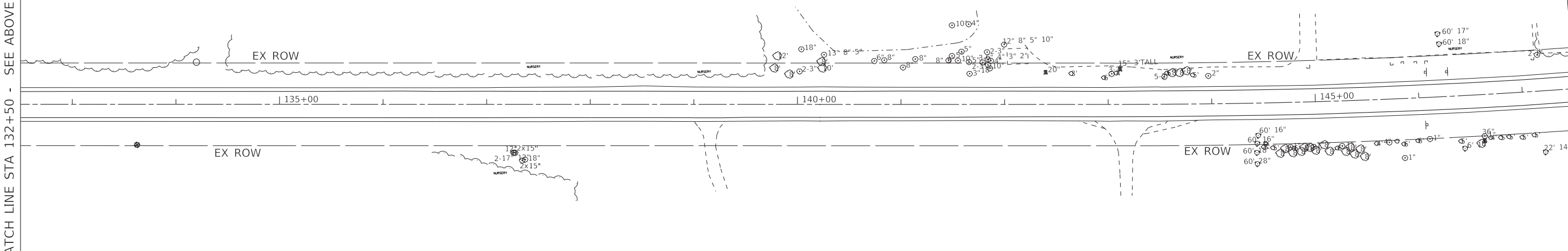
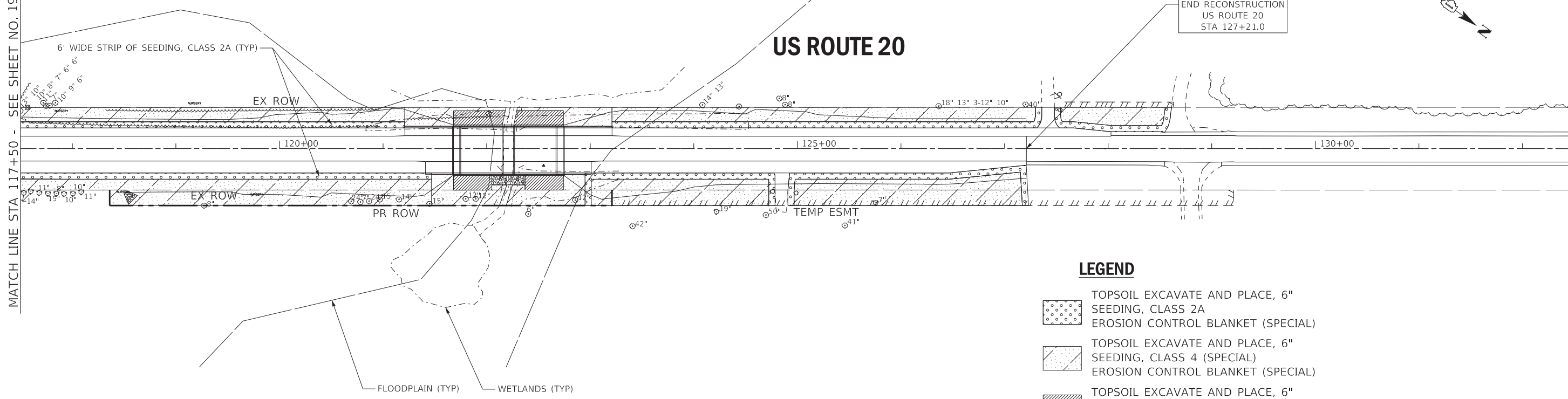
MATCH LINE STA 132+50 - SEE BELOW LEFT

MATCH LINE STA 147+50 - SEE SHEET NO. 195

US ROUTE 20

US ROUTE 20

END RECONSTRUCTION
US ROUTE 20
STA 127+21.0



LEGEND

- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 2A
- EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
- EROSION CONTROL BLANKET (SPECIAL)
- TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL) TURF REINFORCEMENT MAT
- PROPOSED TREES
- WATERS OF THE U.S.
- STONE RIPRAP, FILTER FABRIC

NOTE:

1. SEE PROPOSED TREE SCHEDULE FOR SPECIES BREAKDOWN.
2. ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.
3. THE CONTRACTOR SHALL GIVE THE IDOT ROADSIDE DEVELOPEMENT (847-705-4171) ONE WEEK ADVANCED NOTICE PRIOR TO INSTALLATION TO INFORM WHEN LAOUT WILL BE COMPLETED FOR REVIEW AND ACCEPTANCE.

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		DATE - 01-24-20	FILE - D162D36-sht-LNDSCP02_US20.dgn

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
US ROUTE 20

SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 117+50 TO STA. 147+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	194
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

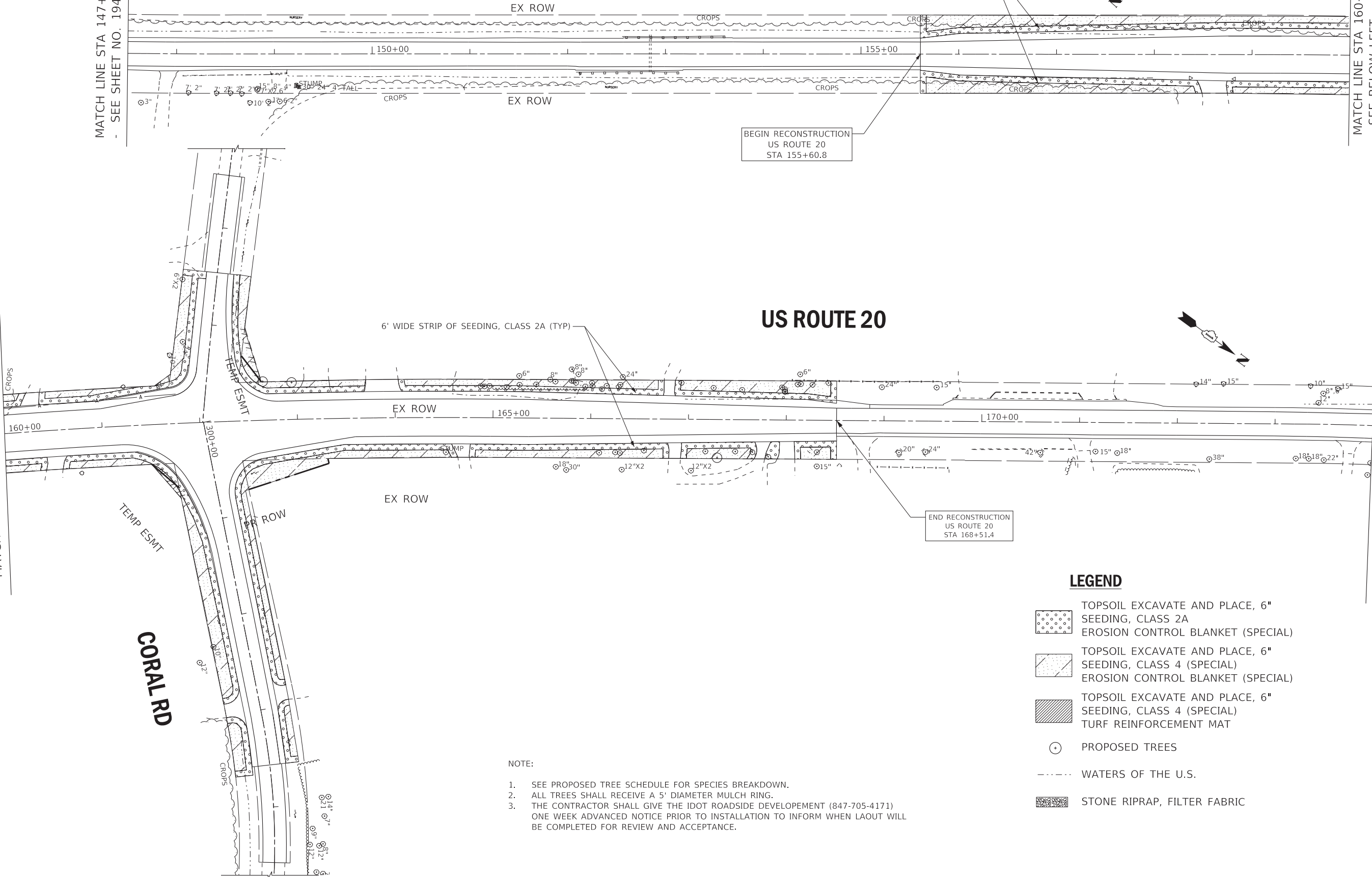
US ROUTE 20

6' WIDE STRIP OF SEEDING, CLASS 2A (TYP)

MATCH LINE STA 147+50
- SEE SHEET NO. 194

MATCH LINE STA 160+00
- SEE BELOW LEFT







MATCH LINE STA 160+00 - SEE ABOVE RIGHT



BEGIN RECONSTRUCTION
US ROUTE 20
STA 155+60.8

END RECONSTRUCTION
US ROUTE 20
STA 168+51.4

LEGEND

-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 2A
EROSION CONTROL BLANKET (SPECIAL)
-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
EROSION CONTROL BLANKET (SPECIAL)
-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
TURF REINFORCEMENT MAT
-  PROPOSED TREES
-  WATERS OF THE U.S.
-  STONE RIPRAP, FILTER FABRIC

NOTE:

1. SEE PROPOSED TREE SCHEDULE FOR SPECIES BREAKDOWN.
2. ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.
3. THE CONTRACTOR SHALL GIVE THE IDOT ROADSIDE DEVELOPEMENT (847-705-4171) ONE WEEK ADVANCED NOTICE PRIOR TO INSTALLATION TO INFORM WHEN LAOUT WILL BE COMPLETED FOR REVIEW AND ACCEPTANCE.

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BAXTER & WOODMAN Consulting Engineers	USER NAME = 560KAR	DESIGNED - REW	REVISED -
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		DATE - 01-24-20	FILE - D162D36-sht-LNDSCP03_US20.dgn

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
US ROUTE 20**

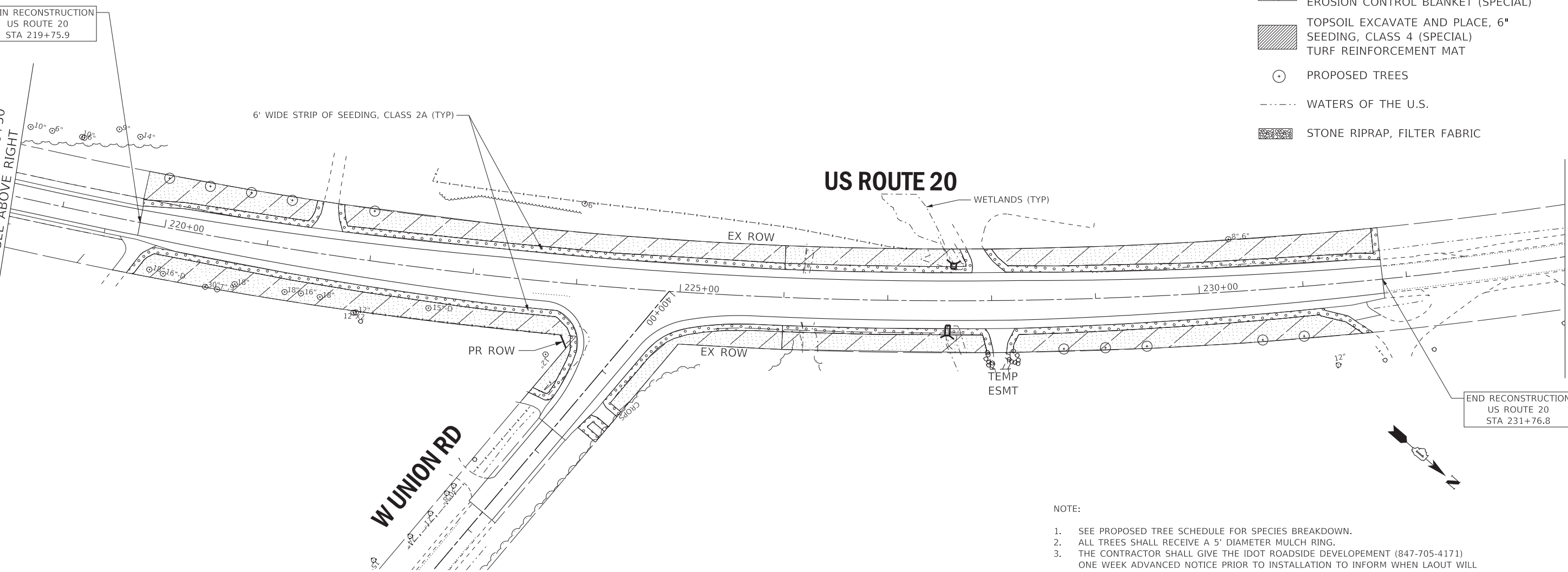
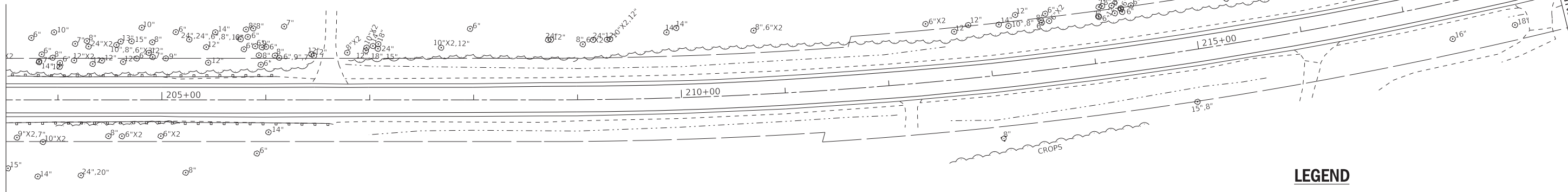
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 147+50 TO STA. 174+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	195
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GMW(759)				







US ROUTE 20

US ROUTE 20

W UNION RD



LEGEND

-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 2A EROSION CONTROL BLANKET (SPECIAL)
-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL) EROSION CONTROL BLANKET (SPECIAL)
-  TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL) TURF REINFORCEMENT MAT
-  PROPOSED TREES
-  WATERS OF THE U.S.
-  STONE RIPRAP, FILTER FABRIC

NOTE:

1. SEE PROPOSED TREE SCHEDULE FOR SPECIES BREAKDOWN.
2. ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.
3. THE CONTRACTOR SHALL GIVE THE IDOT ROADSIDE DEVELOPMENT (847-705-4171) ONE WEEK ADVANCED NOTICE PRIOR TO INSTALLATION TO INFORM WHEN LAOUT WILL BE COMPLETED FOR REVIEW AND ACCEPTANCE.

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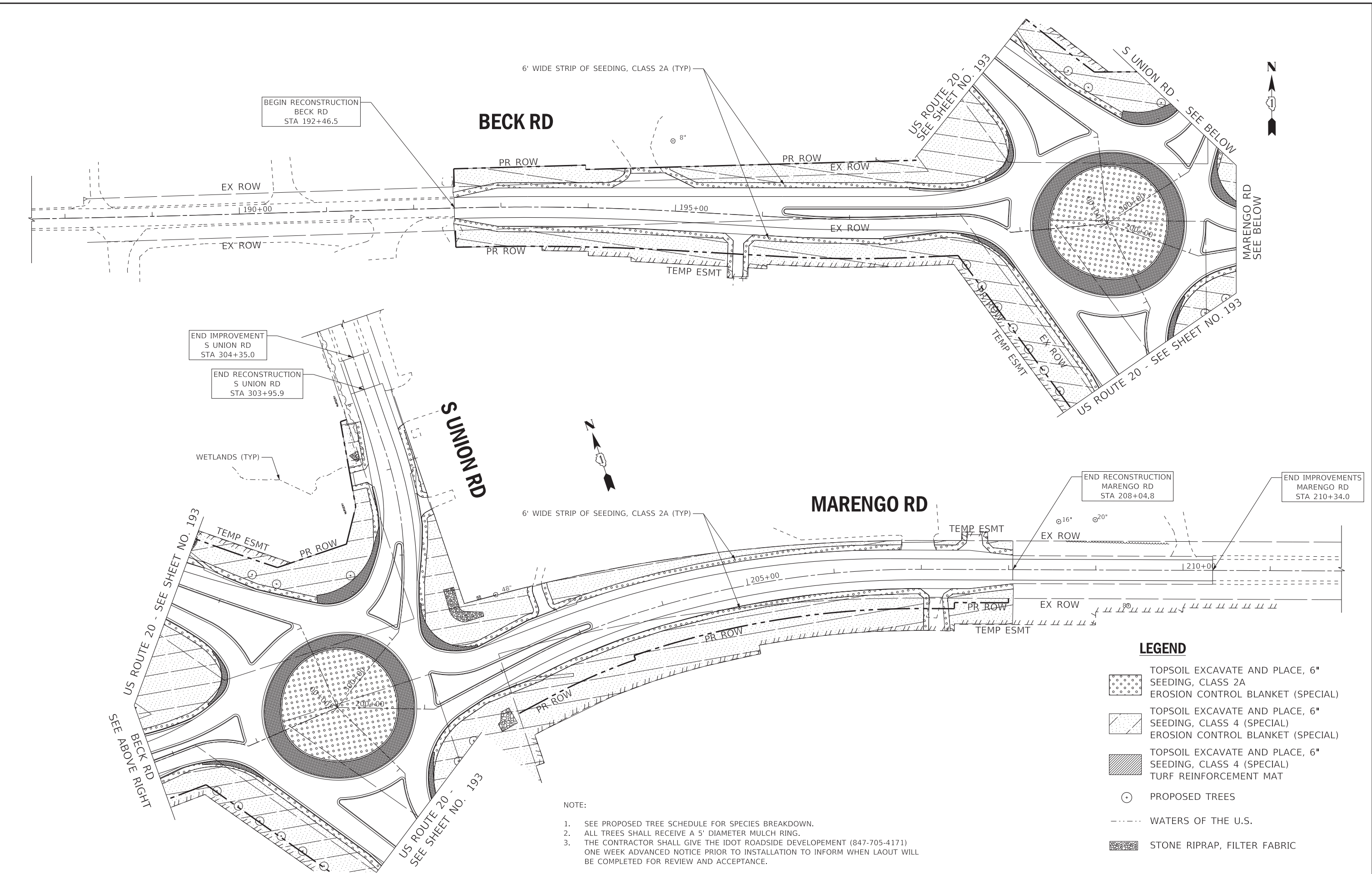
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
US ROUTE 20**

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 203+50 TO STA. 233+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	196
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

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- NOTE:
- SEE PROPOSED TREE SCHEDULE FOR SPECIES BREAKDOWN.
 - ALL TREES SHALL RECEIVE A 5' DIAMETER MULCH RING.
 - THE CONTRACTOR SHALL GIVE THE IDOT ROADSIDE DEVELOPMENT (847-705-4171) ONE WEEK ADVANCED NOTICE PRIOR TO INSTALLATION TO INFORM WHEN LAOUT WILL BE COMPLETED FOR REVIEW AND ACCEPTANCE.

LEGEND

	TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 2A
	TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL)
	TOPSOIL EXCAVATE AND PLACE, 6" SEEDING, CLASS 4 (SPECIAL) TURF REINFORCEMENT MAT
	PROPOSED TREES
	WATERS OF THE U.S.
	STONE RIPRAP, FILTER FABRIC



USER NAME = 560KAR	DESIGNED - REW	REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**LANDSCAPING PLAN
BECK RD, MARENGO RD AND S UNION RD**

SCALE: 1" = 50' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
525	2016-092B&R	MCHENRY	329	197
CONTRACT NO. 62D36				
ILLINOIS FED. AID PROJECT GWI(759)				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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 STATE OF ILLINOIS
 PROJECT NO. 16-092 B&R
 SHEET NO. 01
 DATE 11/17/2016
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		CHECKED - LP	REVISED -
		DATE - 9/29/2016	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

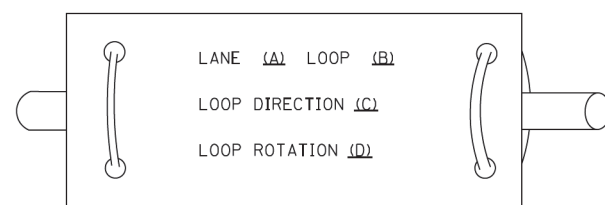
SCALE: NONE SHEET 1 OF 7 SHEETS STA. TO STA.

F.A. RTE. 525	SECTION 2016-092 B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 198
TS-05		CONTRACT NO. 62D36		
ILLINOIS FED. AID PROJECT GMW(759)				

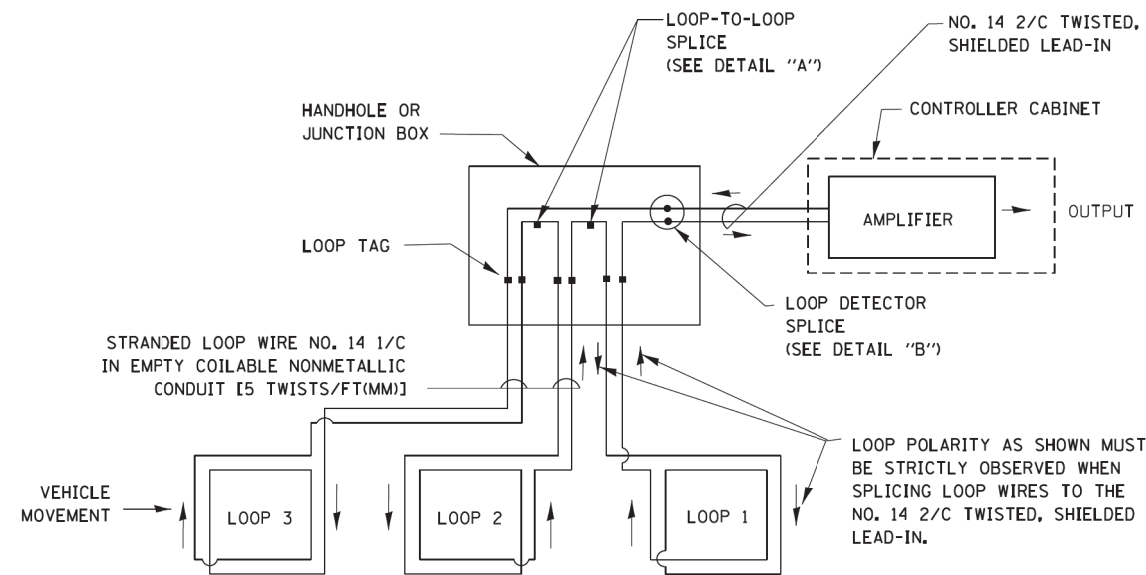
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

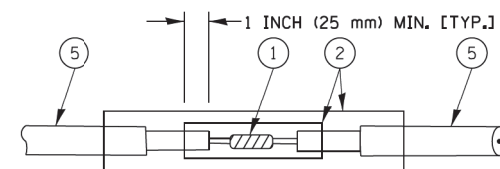


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

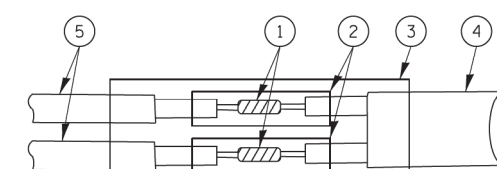


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

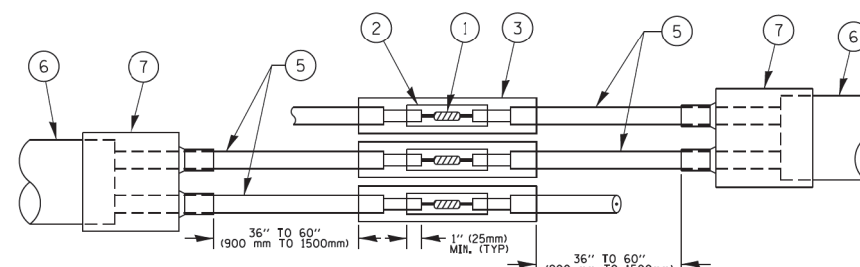


DETAIL "A"
LOOP-TO-LOOP SPLICE

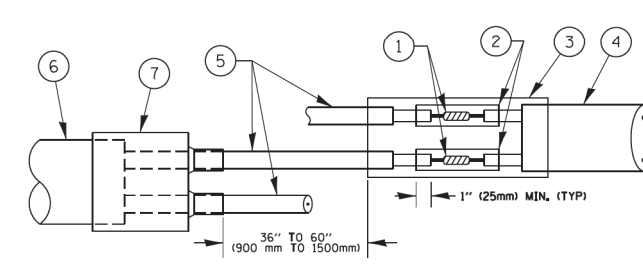


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

- 1 WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- 2 WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- 3 WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGTH 6" (150 mm), UNDERWATER GRADE.
- 4 NO. 14 2/C TWISTED, SHIELDED CABLE.
- 5 LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- 6 PREFORMED LOOP
- 7 XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

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 PROJECT NO. 15-104
 SHEET NO. 02
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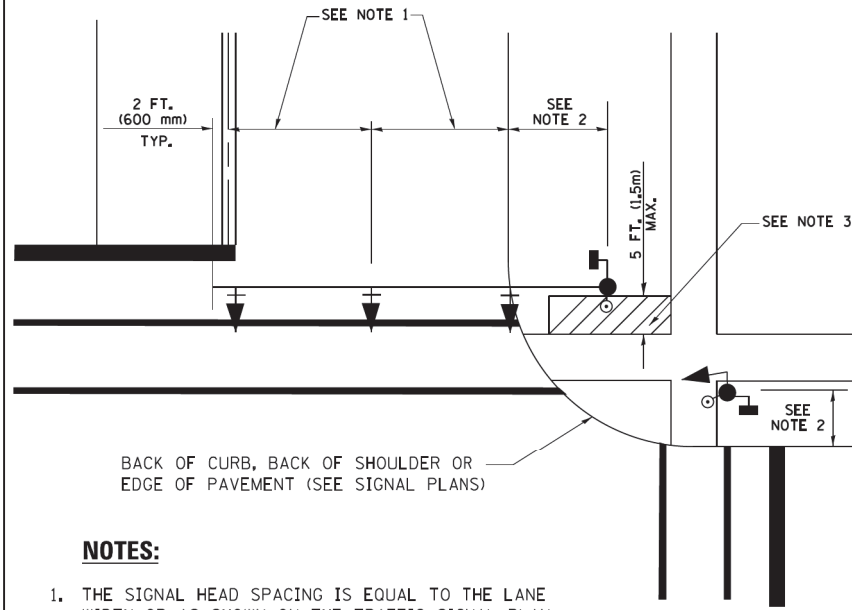
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET NO. 2 OF 7 SHEETS STA. TO STA.

F.A. RTE. 525	SECTION 2016-092 B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 199
TS-05		CONTRACT NO. 62D36		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT GMW(759)				

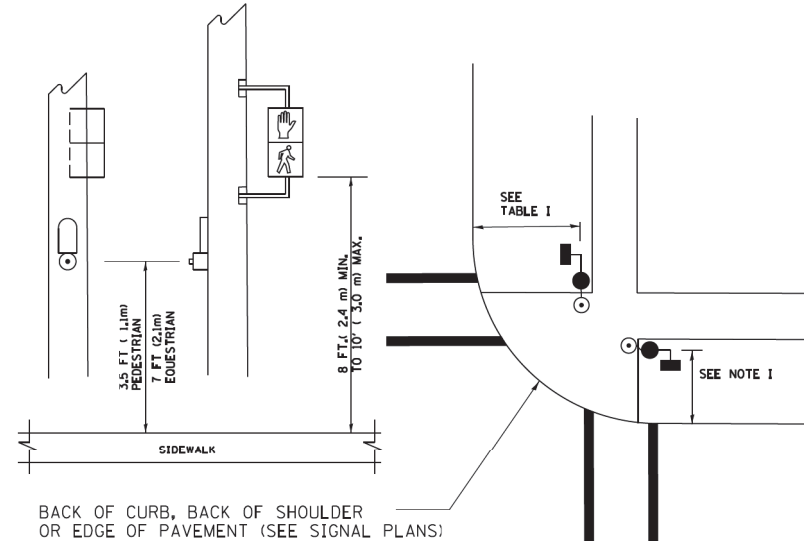
**TRAFFIC SIGNAL MAST ARM AND SIGNAL POST
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR
FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN
WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.**



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

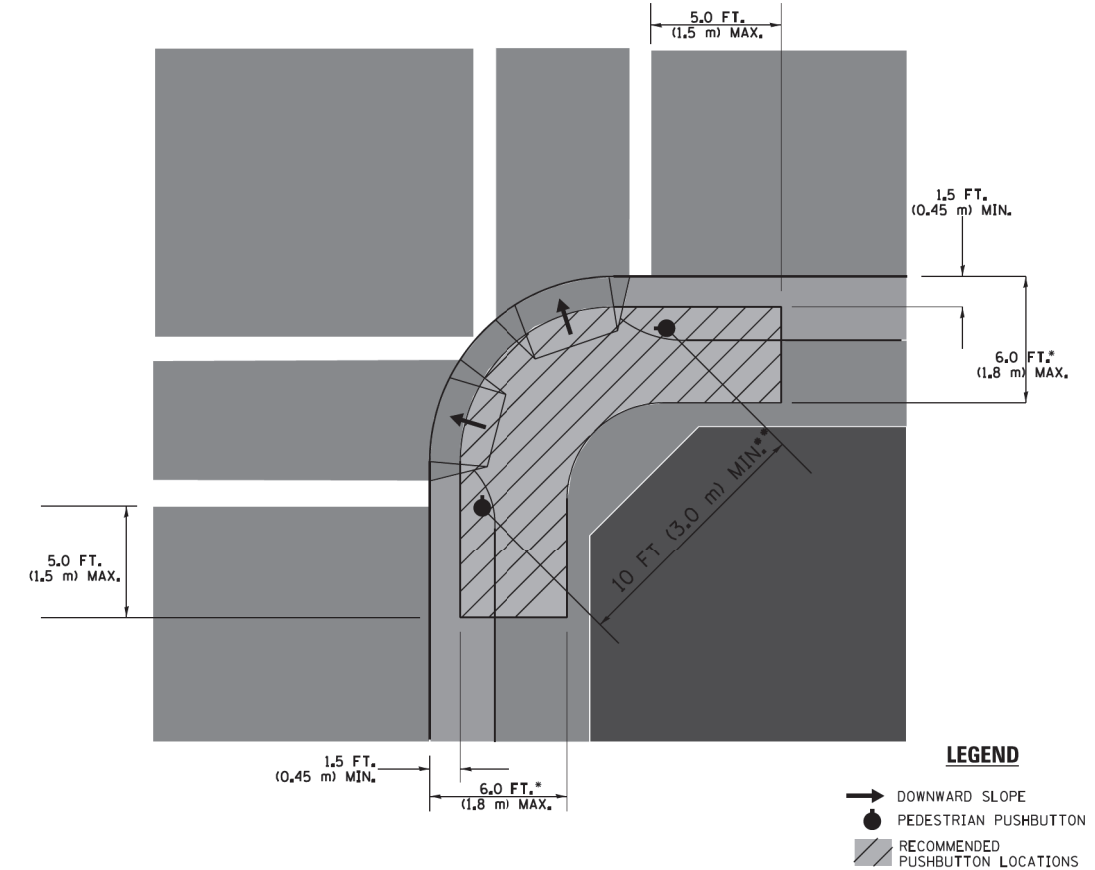
**PEDESTRIAN SIGNAL POST
AND
PEDESTRIAN PUSH BUTTON POST**



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- ▨ RECOMMENDED PUSHBUTTON LOCATIONS

- WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

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 STATE OF ILLINOIS
 PROJECT NO. 15-092
 SHEET NO. 03
 DATE: 11/2/2016
 1:15:22 AM
 C:\Crystal Lake\1001\1116\15-092\15-092-TS-TEMP-SIGNALPLANS_SEE3.dgn

FILE NAME =	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14
ca:\pwork\pwork\footemj\d0108315\ts05.dgn		DRAWN - BCK	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED - DAD	REVISED -
	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

F.A. RTE. 525	SECTION 2016-092 B&R	COUNTY MCHENRY	TOTAL SHEETS 329	SHEET NO. 200
TS-05		CONTRACT NO. 62D36		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT GMW(759)				

SCALE: NONE SHEET NO. 3 OF 7 SHEETS STA. TO STA.