

EXHIBIT D

I-205 LRT, SOUTH CORRIDOR ILLUMINATION RESPONSIBILITY MATRIX

TRI MET GREEN

ODOT BLUE

CITY OF PORTLAND
YELLOW

CLACKAMAS CO.
PURPLE

MUP RED

I-205 LRT SOUTH CORRIDOR ILLUMINATION RESPONSIBILITY MATRIX D

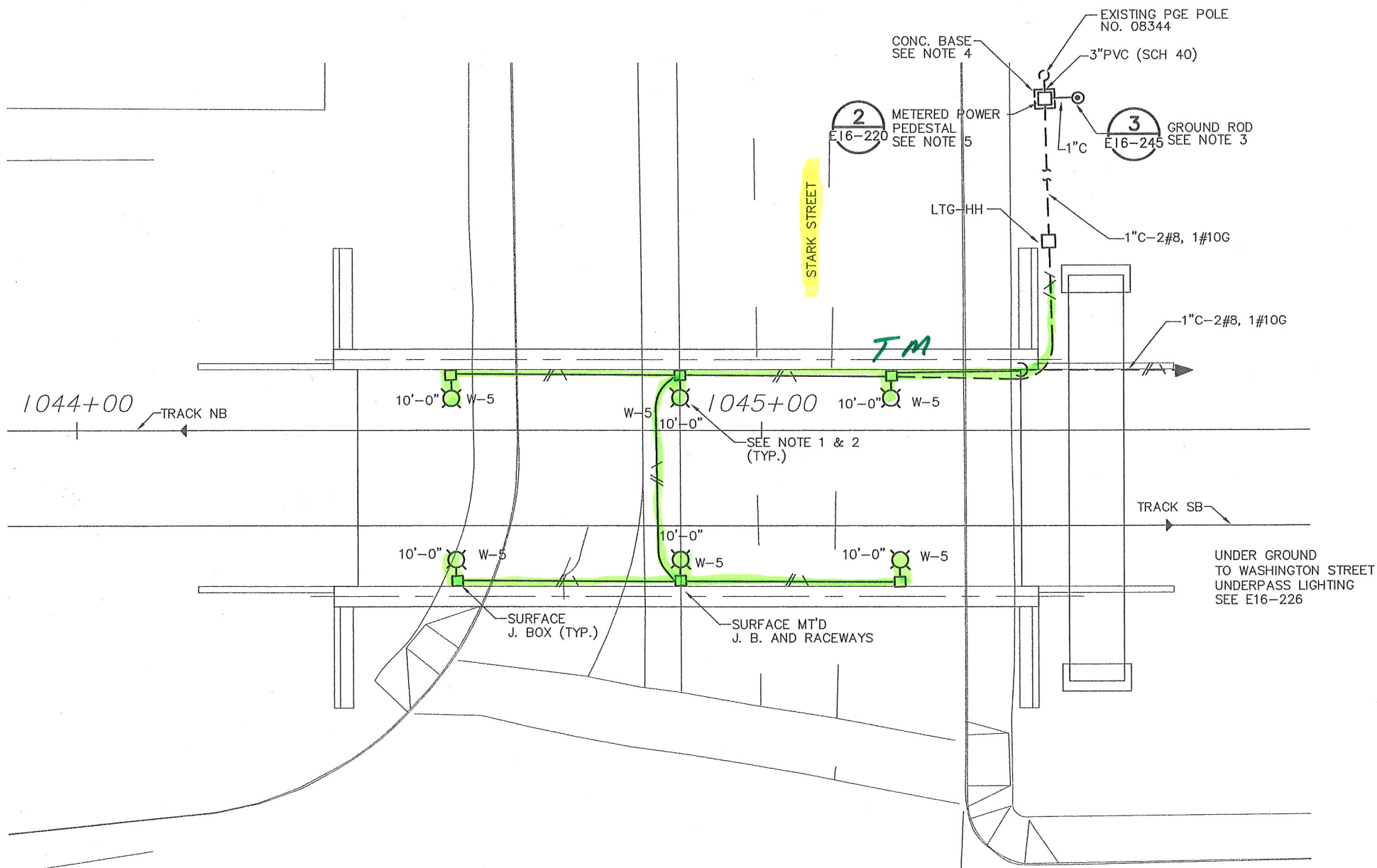
Plan Drawing Number	Begin Station	End Station	Landmarks	East / West / Track	Access From	Type		Ownership	Maintain	Bear Cost
E16-225	1045		Stark Undercrossing		Guideway	w-5		Tri Met	Tri Met	Tri Met
E-16-226	1048		Washington Undercrossing		Guideway	w-5		Tri Met	Tri Met	Tri Met
E-16-227-AX	1086	1090	I-205 Undercrossing		Guideway	w-5		Tri Met	Tri Met	Tri Met
E16-265	1044	1046	Stark St. Overcrossing	East	Stark St.	Cobra		ODOT	ODOT	ODOT
E16-252-AX	1044	1049	Stark and Washington	Both	Stark and Washington	Cobra		ODOT	ODOT	ODOT
E16-253	1051	1060	N Main St P&R	West	NB I-205 / Main Street P&R	Cobra		ODOT	ODOT	ODOT
E16-184-AX	1053	1058	N Main St P&R	West	SE 96th Ave.	Shoebox		Tri Met	Tri Met	Tri Met
E16-185-BX	1059	1064	Center Main St. P&R	West	SE 96th Ave.	Shoebox		Tri Met	Tri Met	Tri Met
E16-185-BX	1063		Single Pole at Ped Oxing	West	SE 96th Ave.	Cobra		ODOT	ODOT	ODOT
E16-185-BX	1059	1064	Center Main St. P&R	West	NB I-205 / Main Street P&R	Cobra		ODOT	ODOT	ODOT
E16-186-AX	1064	1068	S Main St. P&R	West	SE 96th Ave.	Shoebox		Tri Met	Tri Met	Tri Met
E16-186-AX	1064	1068	S Main St. P&R	West	SE 96th Ave.	Cobra		ODOT	ODOT	ODOT
E16-254	1060	1070	S Main St. P&R	West	NB I-205 / Main Street P&R	Cobra		ODOT	ODOT	ODOT
E16-187-AX	1069	1072	Access Rd. Main St. P&R	Both	SE 96th Ave.	Cobra		Tri Met	Tri Met	Tri Met
E16-255-AX	1071	1077	Market St.	West	I-205 NB Shoulder	Cobra		ODOT	ODOT	ODOT
E16-255-AX	1098	1101	Division Street	West	Division Street	Cobra		ODOT	ODOT	ODOT
E16-255-AX	1098	1101	Division Street	West	Division Street MUP	Shoebox		ODOT	ODOT	ODOT
E16-112-BX	1100	1105	Division Platform	West	Division	Acorn		Tri Met	Tri Met	Tri Met
E16-112-BX	1102	1105	Division Platform	West	Division	Shoebox		ODOT	ODOT	ODOT
E16-112-BX	1099		Division WB Bus Stop	West	Division	COP		COP	COP	COP
E16-256-AX	1101	1110	South of Division Station	East	I-205 SB Shoulder Powell Exit	Cobra		ODOT	ODOT	ODOT
E16-256-AX	1101	1110	Division Station	West	Division Street MUP	Shoebox		ODOT	ODOT	ODOT
E16-257	1120	1130	Powell Blvd. On and Off Ramps	East	Highway Shoulder	Cobra		ODOT	ODOT	ODOT
E16-257	1120	1130	Powell Blvd.	West	Powell MUP	Shoebox		ODOT	ODOT	ODOT
E16-234	1125	1126	Powell Overcrossing		Powell Blvd	Surface		ODOT	ODOT	ODOT
E16-121	1126	1128	Powell Ped Bridge MUP	West	Powell P&R	Shoebox		ODOT	ODOT	ODOT
E16-120-CX	1128	1130	Powell Platform MUP	West	Powell P&R	Shoebox		ODOT	ODOT	ODOT
E16-120-CX	1130	1132	Powell Platform	West	Powell Platform	Acorn		Tri Met	Tri Met	Tri Met
E-16-195-FX	1131		Powell P&R Access Rd	West	92nd Ave	Pineapple		Tri Met	Tri Met	Tri Met
E16-258 to E16-259	1130	1150	Powell to Holgate P&R	East	I-205 SB Shoulder	Cobra		ODOT	ODOT	ODOT
E16-260	1150	1160	Holgate P&R	East	I-205 SB Shoulder	Cobra		ODOT	ODOT	ODOT
E16-261	1160	1170	Holgate Blvd. South	East	I-205 SB Shoulder	Cobra		ODOT	ODOT	ODOT
E16-262-AX	1170	1180	Ped Oxing To Harold St.	East	I-205 SB Shoulder	Cobra		ODOT	ODOT	ODOT
E-16-228-AX	1179		Harold Overcrossing		Harold	Pendant		Portland	Portland	Portland
E16-263	1180	1190	Harold St. to Foster Station	East	I-205 SB Shoulder	Cobra		ODOT	ODOT	ODOT
E16-140-AX to E16-141-EX	1181	1191	Harold St. to Foster Station	West	MUP Foster Station	Shoebox		ODOT	ODOT	ODOT
E16-140-AX to E16-141-EX	1181	1191	Harold St. to Foster Station	West	Foster Station / Foster Rd	Acorn		Tri Met	Tri Met	Tri Met
EX16-142	1191	1195	Foster Station / Woodstock Oxing	West	MUP Foster / Woodstock	Shoebox		ODOT	ODOT	ODOT
E-16-229-BX	1190	1195	Foster, Woodstock Overcrossing		Foster, Woodstock	Pendant		Portland	Portland	Portland
E16-264-AX	1191	1200	Foster Rd. / Woodstock	Both	Foster Rd. under LTR Str.	COP		Portland	Portland	Portland
E16-264-AX	1191	1200	Foster Rd. / Woodstock	Both	Foster Rd. / MUP	Cobra	Shoebox	ODOT	ODOT	ODOT
E16-411	1195	1219	Woodstock / Cooper St. MUP	West	MUP from 94th Ave.	Shoebox		ODOT	ODOT	ODOT
E16-230-AX	1217		Springwater Trail Overcrossing		Springwater Trail	Ceiling		Portland	Portland	Portland
E16-412	1219	1231	Springwater Trail / J Creek	West	MUP from Flavel St.	Shoebox		ODOT	ODOT	ODOT
E16-413	1232	1248	Flavel Station / 92nd Ave.	West	MUP from Mt. Scott Blvd.	Shoebox		ODOT	ODOT	ODOT
E16-153-EX	1232	1236	Flavel Station		Flavel	Acorn		Tri Met	Tri Met	Tri Met
E16-153-EX	1232		Flavel Station	Both	Flavel	COP		Portland	Portland	Portland

I-205 LRT SOUTH CORRIDOR ILLUMINATION RESPONSIBILITY MATRIX D

[illegible]

NOTES:

1. MOUNT WALL BRACKET LUMINAIRE 10 FT. ABOVE TRACK.
2. REFER TO E16-217/218 FOR LUMINAIRE SCHEDULE.
3. GROUND SERVICE WITH #8, CU. TO GROUND ROD.
4. PROVIDE CONCRETE BASE UNDER POWER/METERING PEDESTAL.
5. PROVIDE SERVICE FROM PGE POLE WITH 120/240V-1Ø LOCATE METERED POWER PEDESTAL WITHIN 10 FT. OF PGE POLE. SERVICE CHARGES TO BE PAID BY CITY PER CITY RATE SCHEDULE WITH PGE.



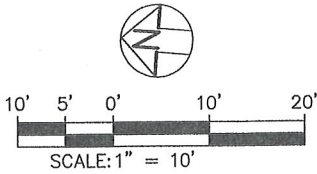
I-205
LIGHT RAIL

EXHIBIT D

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: *[Signature]* Project Engineering
DATE: NOV -5 2010

STARK STREET UNDERPASS-LIGHTING PLAN



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	CHK.	APPD.	REVISIONS

BSD DESIGNED	7/10/06 DATE
RJ DRAWN	7/11/06 DATE
CHECKED	DATE
APPROVED	DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

DAVID EVANS AND ASSOCIATES INC.

DHILLON ENGINEERS, INC.
PORTLAND, OR

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: 12/15/06

DATE: 12/15/06

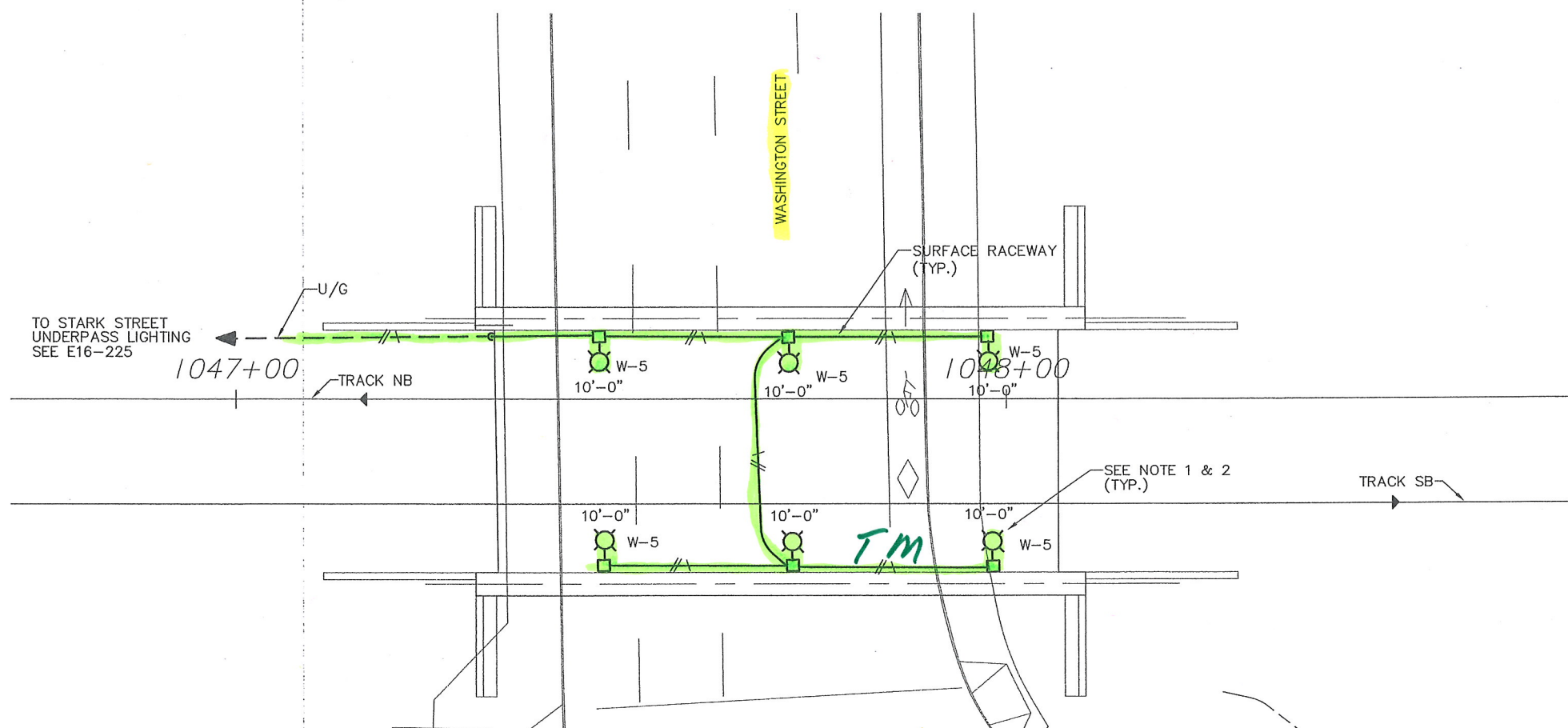
APPROVED: 12/15/06

DATE: 12/15/06

SOUTH CORRIDOR PROJECT I-205 SEGMENT STARK STREET UNDERPASS-LIGHTING PLAN				
SCALE: 1" = 10'-0"	DRAWING NO.: E16-225	CONTRACT NO.: RH040161LE	SHEET NO.: 159	

NOTES:

1. MOUNT WALL BRACKET LUMINAIRES 10 FT. ABOVE TRACK.
2. REFER TO E16-217/218 FOR LUMINAIRE SCHEDULE.

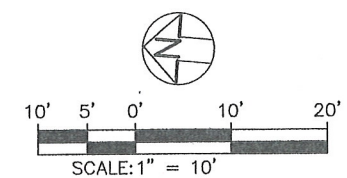


WASHINGTON STREET UNDERPASS-LIGHTING PLAN

I-205
LIGHT RAIL
EXHIBIT D

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: NOV - 5 2010 Project Engineering
DATE:



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	CHK.	APPD.	REVISIONS

BSD DESIGNED	7/10/06 DATE
RJ DRAWN	7/11/06 DATE
CHECKED	DATE
APPROVED	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

DHILLON ENGINEERS, INC.
PORTLAND, OR
DAVID EVANS
AND ASSOCIATES INC.

CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED:	DATE: 12/15/06	APPROVED:	DATE: 12/15/06
------------	----------------	-----------	----------------

SOUTH CORRIDOR PROJECT
I-205 SEGMENT
WASHINGTON STREET UNDERPASS-LIGHTING PLAN

SCALE: 1" = 10'-0"	DRAWING NO.: E16-226	CONTRACT NO.: RH040161LE	SHEET NO.: 160
--------------------	----------------------	--------------------------	----------------

EXISTING PGE POLE
NO. 00019
SEE NOTE 4

1-4" PVC (SCH.40)
SEE NOTE 7

3 GROUND ROD
E16-245 SEE NOTE 6

CONC. BASE
SEE NOTE 8

2 POWER/METERING
PEDESTAL
E16-245
SEE NOTES 3, 9

HH

WALL J. BOXES

TO LIGHT FIXTURES
CKTS. A,B,C & D

TO LIGHT FIXTURES
CKTS. A,B,C & D

CIRCUIT SCHEDULE

1	1 1/2" C-8#8, CU XHHW-2, 1#10GND
2	1 1/2" C-8#8, CU XHHW-2, 1#10GND
3	1 1/2" C-8#8, CU XHHW-2, 1#10GND
4	1 1/2" C-8#8, CU XHHW-2, 1#10GND

NOTES:

1. REFER TO DRAWING E16-217 AND 218 FOR LUMINAIRE SCHEDULE.
2. ALL RACEWAYS AND J. BOXES IN UNDER CROSSING SHALL BE SURFACE MOUNTED.
3. PROVIDE METERED POWER PEDESTAL WITH 120/240V-1Ø SERVICE LOCATE PEDESTAL WITHIN 10 FT. OF PGE POLE.
4. VERIFY EXACT LOCATION OF UTILITY POLE WITH PGE.
5. REFER TO DRAWING E16-245 FOR CIRCUITING AND CONTROL WIRING SCHEMATIC AND DETAIL.
6. GROUND SERVICE WITH #6, CU TO GROUND ROD.

7. PROVIDE 1-4" PVC (SCH.40) WITH TRENCHING AND BACKFILLING AS REQUIRED. CONDUCTORS BY PGE.
8. PROVIDE CONC. BASE UNDER POWER/METERING PEDESTAL.
9. PROVIDE 2-20A/1P BREAKERS FOR INTRUSION DETECTION SYSTEM INSTALLED BY OTHERS.

RECORD DRAWINGS

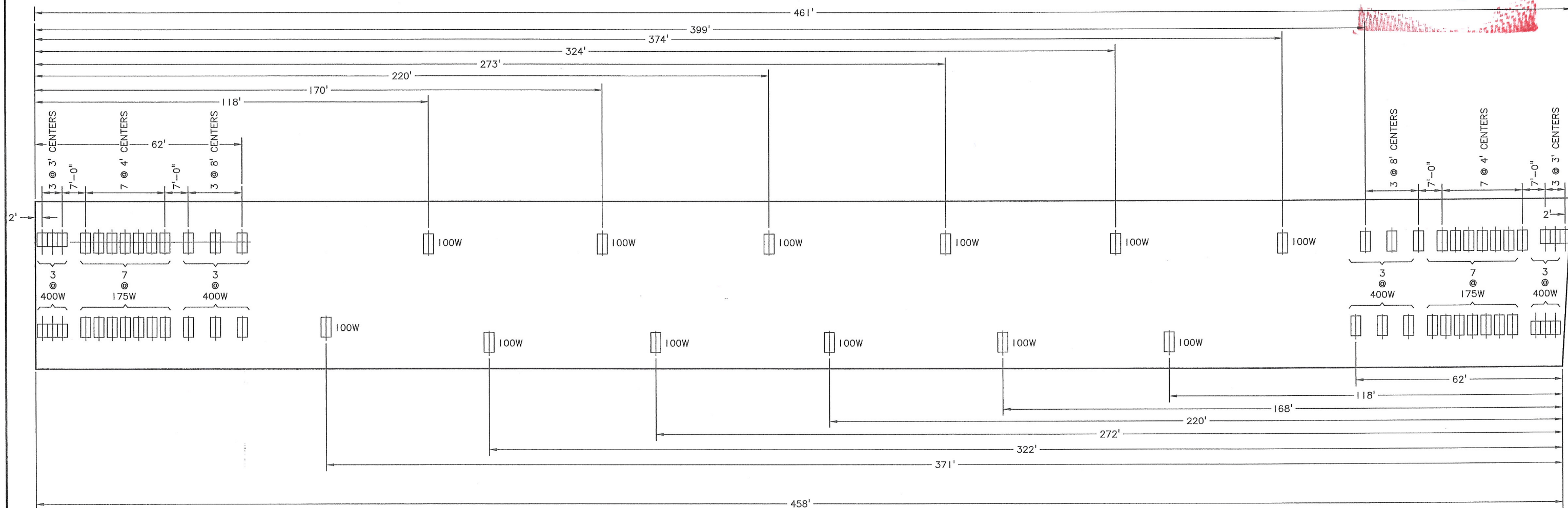
PREPARED BY: TRI-MET

APPROVED: *[Signature]*
NOV -5 2010 Project Engineering

DATE:

I-205
LIGHT RAIL

EXHIBIT D



LIGHTING CONTROL DESCRIPTION (SEE NOTE 5)

- ILLUMINATION DURING DAY (ABOVE 35FC)
ALL LIGHTS IN UNDER CROSSING ON.
- ILLUMINATION DURING NIGHT (BELOW 35FC)
ALL 100 WATTS (W-7) PLUS 2-175W (W-6) EACH SIDE OF UNDER CROSSING ON. NO 400 WATTS-(W-5) ON.

W-5 } WALL BRACKET
W-6 } LUMINAIRES MOUNTED
W-7 } 10 FT. ABOVE RAILING

I-205 UNDERCROSSING-LIGHTING PLAN

NTS

All Tri Met

UNDER CROSSING LIGHTING
AVE INTERIOR F. C. = 2.8
THRESHOLD F. C. = 69.2

SEE DRAWING E16-245 FOR
LIGHTING CONTROL



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	APPD.	REVISIONS
		CHK.		

BSD DESIGNED	7/17/06 DATE
RJ DRAWN	7/18/06 DATE
CHECKED	DATE
APPROVED	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH AND ASSOCIATES INC.

DHILLON ENGINEERS, INC.
PORTLAND, OR
DAVID EVANS
AND ASSOCIATES INC.

TRI-MET

CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SOUTH CORRIDOR PROJECT
I-205 SEGMENT
I-205 UNDERCROSSING-LIGHTING PLAN

SUBMITTED:

DATE:

12/15/06

APPROVED:

DATE:

12/15/06

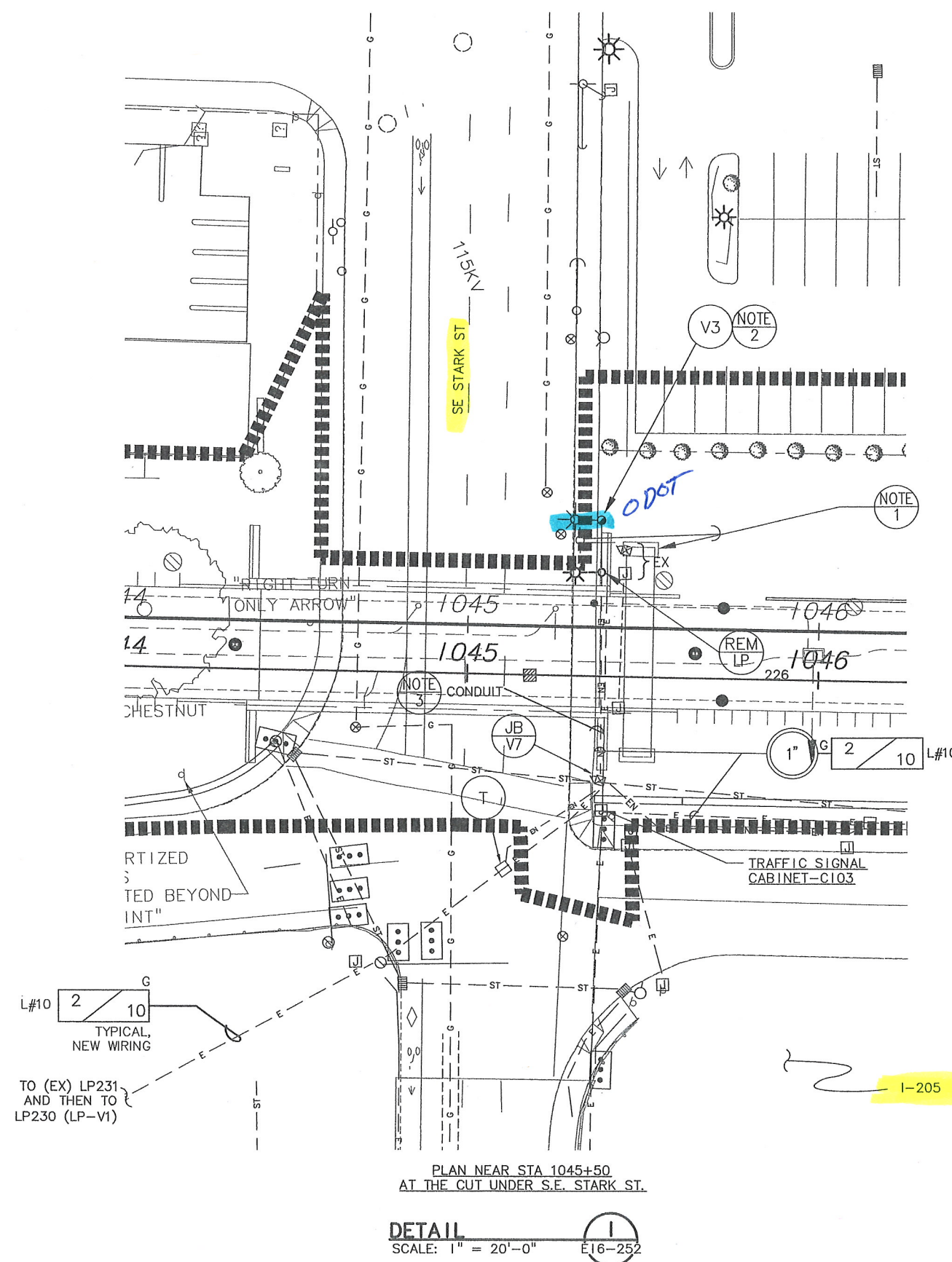
SCALE:

NO SCALE

DRAWING NO.:
E16-227-AX

CONTRACT NO.:
RH040161LE

SHEET NO.:
161



- NOTES:
1. UTILITY METER & C.B. ENCL. SERVES TRAFFIC SIGNAL CABINET C103. TO BE RELOCATED WITH "TRAFFIC SIGNAL" CONTRACT. SEE DWG T16-131.
 2. LOCATE LP-V3 AT 15' EAST OF (EX) LP-226. DEMO CIRCUIT FROM J.B. TO LP-226.
 3. AT CONDUIT TO LP-V3. REMOVE/ABANDON EX CONDUIT AND WIRING. INSTALL NEW CONDUIT AND WIRING WITHIN STRUCTURE OF NEW BRIDGE.

RECORD DRAWINGS

PREPARED BY: TRI-MET
 APPROVED: _____
 DATE: NOV -5 2010

I-205 LIGHT RAIL

EXHIBIT D

SCALE: 1" = 20'

NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING				
NO.	DATE	BY	APPD.	REVISIONS
		CHK.		

MVD DESIGNED	10-19-06
RTG DRAWN	5-31-06
CHECKED	DATE
APPROVED	DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
 Stacy and Wilbeck
 GRANITE
 WILDISH

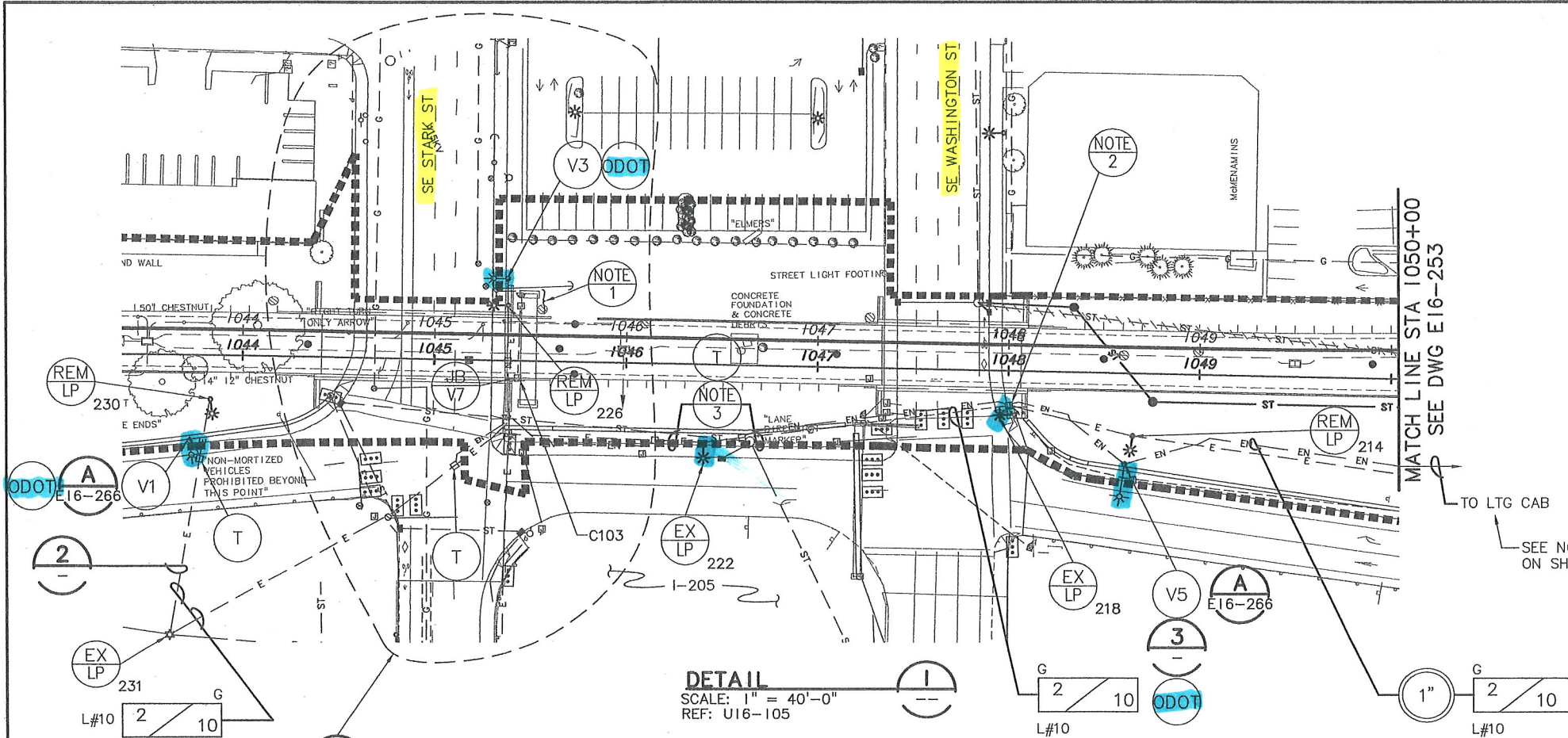
EPSILON ENGINEERING, INC.
 BEAVERTON, OR
 503-526-1000

CAPITAL PROJECTS AND FACILITIES DIVISION
 710 N.E. HOLLADAY STREET
 PORTLAND, OREGON 97232

SUBMITTED: _____ DATE: 12/15/06

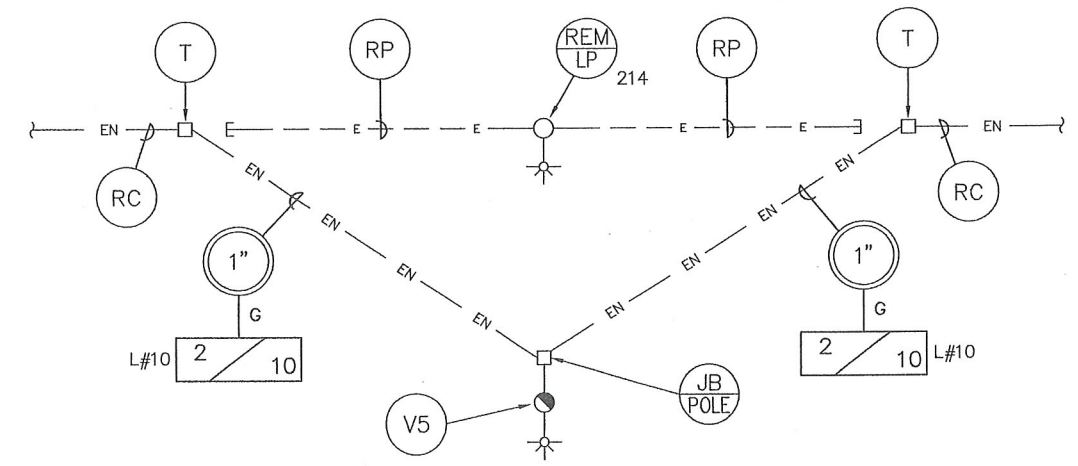
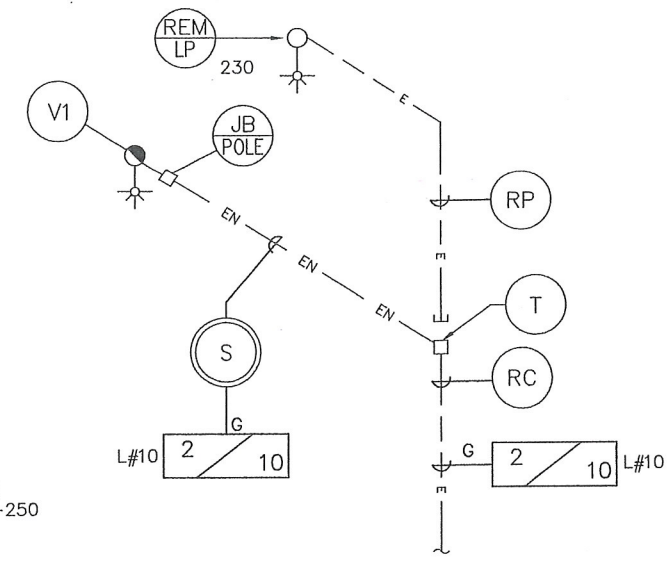
APPROVED: _____ DATE: 12/15/06

SOUTH CORRIDOR PROJECT I-205 SEGMENT ODOT LIGHT POLE RELOCATION DETAILS SHEET I				
SCALE: 1" = 20'-0"	DRAWING NO.: E16-265	CONTRACT NO.: RH040161LE	SHEET NO.: 188	



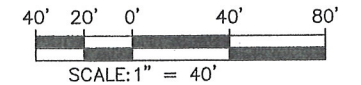
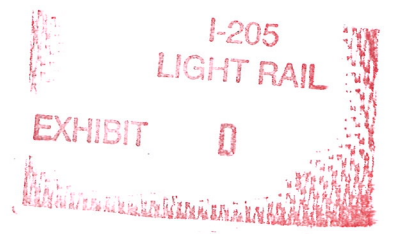
NOTES:

1. UTILITY METER & C.B. ENCL. SERVES TRAFFIC SIGNAL CABINET C103. TO BE RELOCATED WITH "TRAFFIC SIGNAL" CONTRACT.
2. AT WASHINGTON STREET, REMOVE J.B. AND ASSOCIATED WIRING. RELOCATE J.B. WEST APPROX. 5 FT TO AVOID NEW RETAINING WALL. REROUTE CONDUIT AND INSTALL WIRING.
3. AT CONNECTOR FROM WASHINGTON ST. TO STARK ST.: REMOVE EX CONDUIT AND WIRE; RE-ROUTE AS REQUIRED BY NEW SIDEWALK. CIRCUIT IS 1"C-2#10, 1#10G (FIELD VERIFY). MAINTAIN LP-222.



RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: *[Signature]*
DATE: NOV - 5 2010



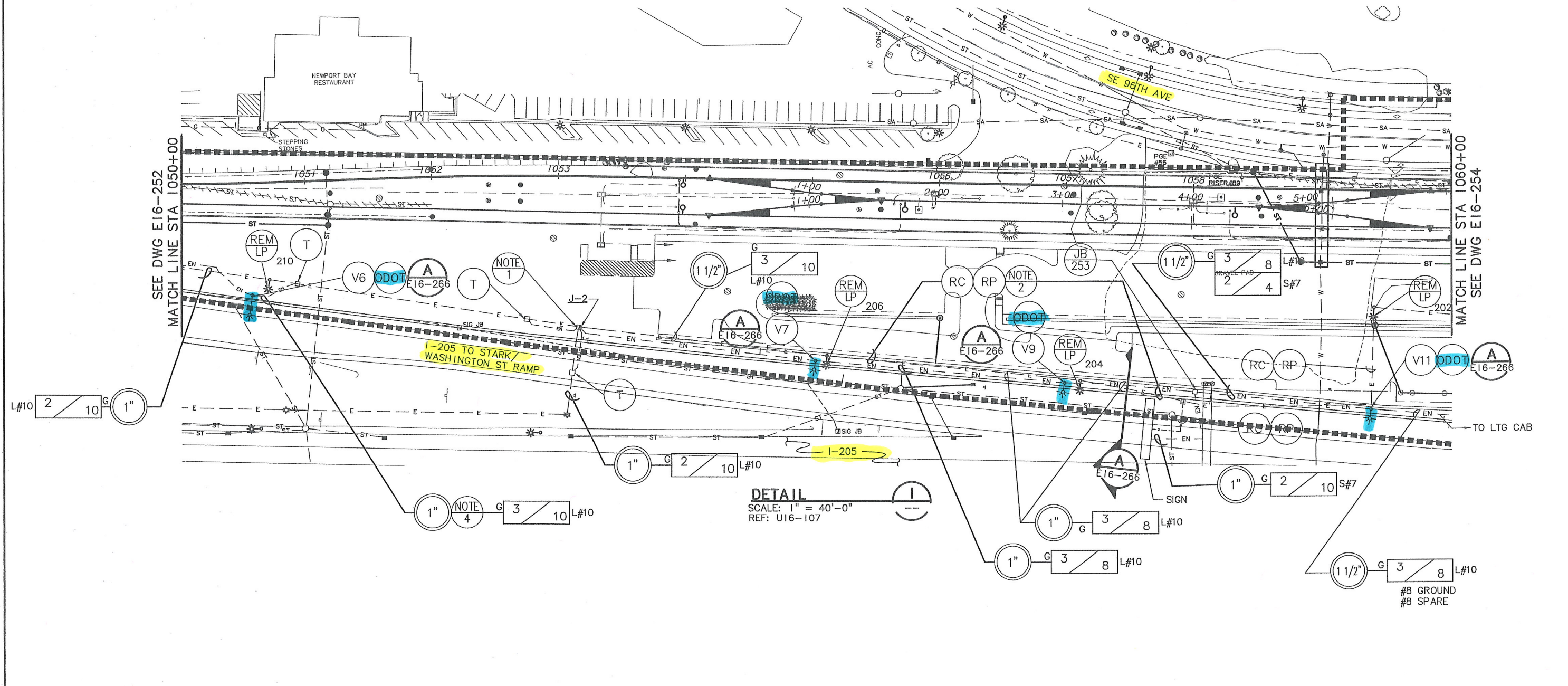
NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

MVD DESIGNED 10-19-06 DATE				
RTG DRAWN 5-31-06 DATE				
CHECKED DATE				
APPROVED DATE				
Original Drawing Stamped and Sealed by MARK J. VAN DOUSER				

MVD DESIGNED 10-19-06 DATE	
RTG DRAWN 5-31-06 DATE	
CHECKED DATE	
APPROVED DATE	

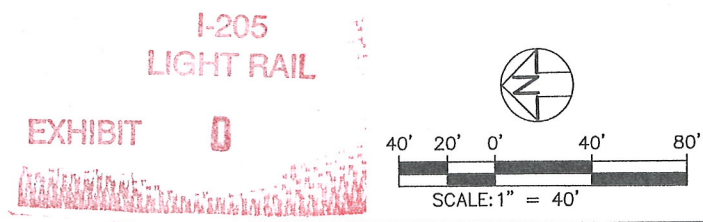
SOUTH CORRIDOR CONSTRUCTORS Stacy and Wilbeck GRANITE WILDISH		EPSILON ENGINEERING, INC. BEAVERTON, OR 503-526-1000		CAPITAL PROJECTS AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232		SUBMITTED: 12/15/06	

SOUTH CORRIDOR PROJECT I-205 SEGMENT ODOT LIGHT POLE RELOCATION STA 1030+00 TO STA 1050+00			
SCALE: 1" = 40'-0"	DRAWING NO.: E16-252-AX	CONTRACT NO.: RH040161LE	SHEET NO.: 175



- NOTES
1. AT J-2, DEMO AND INSTALL NEW J.B.; COORDINATE WITH NEW LANDSCAPING. REROUTE CIRCUITS.
 2. FROM J-2 ON SOUTH, REMOVE/ABANDON EX CKTS; REPLACE AS INDICATED.
 3. AT POLES TO BE REMOVED, REMOVE ASSOCIATED WIRING. REMOVE OR ABANDON ASSOCIATED CONDUITS. TYPICAL, ALL SHEETS.
 4. J-BOX AT EACH POLE

RECORD DRAWINGS
PREPARED BY: TRI-MET
APPROVED: *[Signature]* Project Engineering
DATE: NOV -5 2010



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	CHK.	APPD.	REVISIONS

MVD DESIGNED	10-19-06	DATE
RTG DRAWN	5-31-06	DATE
CHECKED		DATE
APPROVED		DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

EPSILON ENGINEERING, INC.
BEAVERTON, OR
503-526-1000

CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: 12/15/06

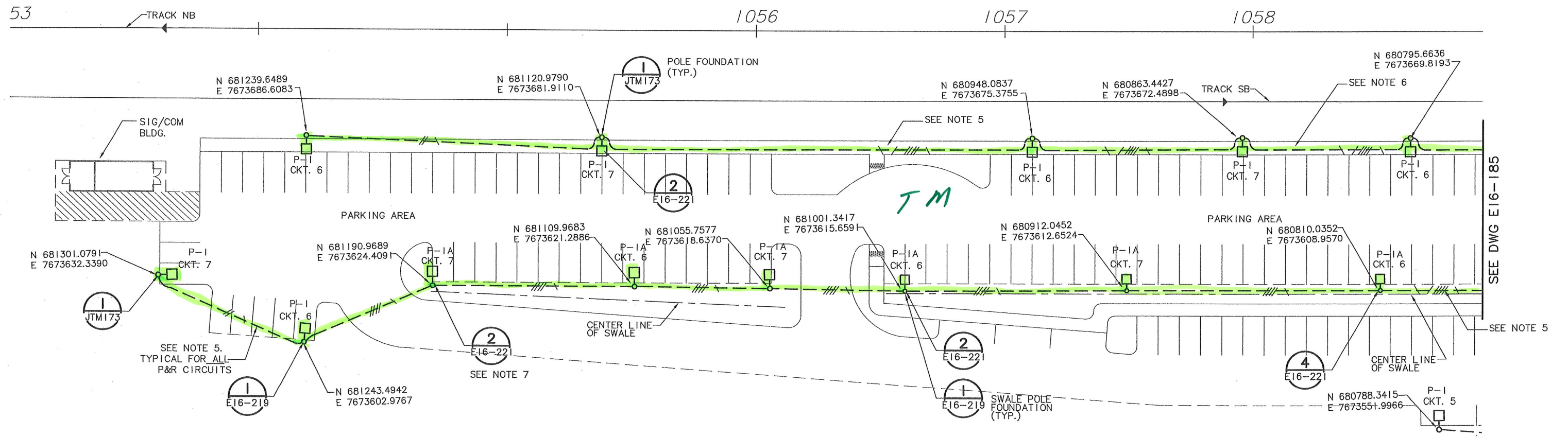
APPROVED: 12/15/06

SOUTH CORRIDOR PROJECT I-205 SEGMENT ODOT LIGHT POLE RELOCATION STA 1050+00 TO STA 1060+00	
SCALE: 1" = 40'-0"	DRAWING NO.: E16-253
CONTRACT NO.: RH040161LE	SHEET NO.: 174

NOTES:

REFER TO E16-185 FOR NOTES.

UPSIZE CKTS 1, 6 & 7 FROM #8HWG XHHW-Z WITH #10 AWG XHHW-2 GND TO #6 AWG, XHHW-2 WITH #8 AWG, XHHW-2 GND



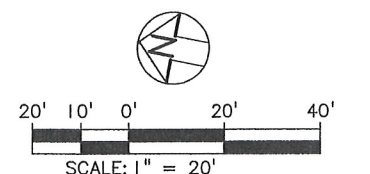
SITE LIGHTING PLAN - NORTH END
SEE NOTE 6

RECORD DRAWINGS

PREPARED BY: TRI-MET

APPROVED: *[Signature]* Project Engineering

DATE: NOV - 5 2010



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	APPD.	REVISIONS

Original Drawing Stamped and Sealed by BHUPINDAR S. DHILLON

BSD DESIGNED	2/3/06
DATE	
BLD DRAWN	2/3/06
DATE	
CHECKED	DATE
APPROVED	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

DHILLON ENGINEERS, INC.
PORTLAND, OR
DAVID EVANS
AND ASSOCIATES INC.

TRI-MET
CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED:

DATE:

12/15/06

APPROVED:

DATE:

12/15/06

SCALE:

1" = 20'-0"

DRAWING NO.:

E16-184-AX

CONTRACT NO.:

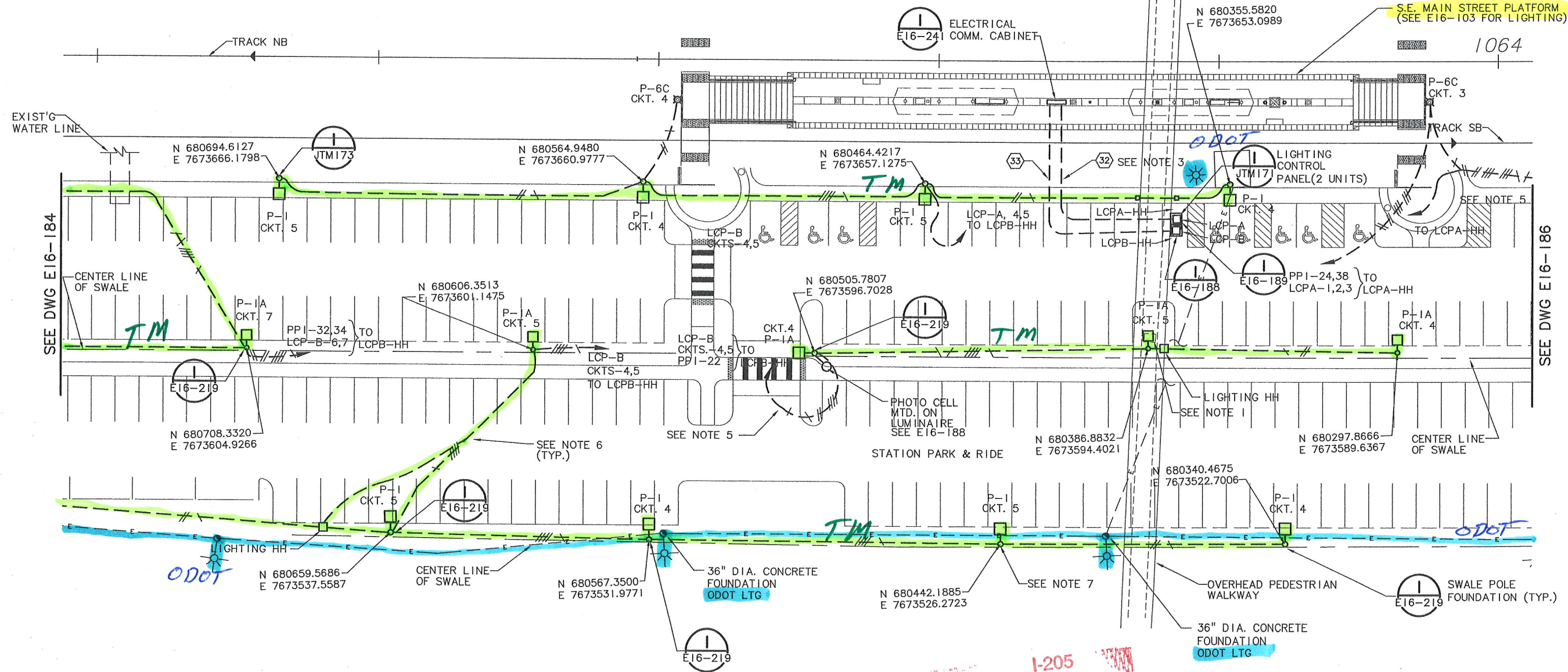
RH040161LE

SHEET NO.:

127

NOTES:

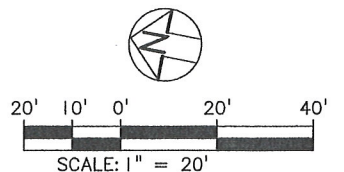
1. MOUNT LUMINAIRE P-1, WITHOUT POLE, UNDERNEATH OF WALKWAY BRIDGE. RUN CONDUITS EXPOSED ALONG BRIDGE SUPPORT COLUMN AND PAINT CONDUITS THE SAME COLOR AS BRIDGE COLUMN.
2. FOR LUMINAIRE SCHEDULE REFER TO DRAWING E16-217 & E-16-218
3. REFER TO DRAWING E16-105 FOR CONDUIT/ CONDUCTOR SCHEDULE.
4. ENTRY ROAD LUMINAIRES (TOTAL 5) ARE THE SAME AS P-1 EXCEPT WITH 8 FT. ARM.
5. WIRE COUNT INCLUDES 120V CIRCUIT TO CAMERA POWER SUPPLIES. REFER TO DRAWINGS E16-181, E16-182, E16-183 & E16-190.
6. ALL CONDUITS/CONDUCTORS SHOWN ON THIS DRAWING SHALL BE AS FOLLOWS UNLESS OTHERWISE NOTED:
-#8 AWG PHASE AND NEUTRAL CONDUCTORS WITH #10 GROUND CONDUCTOR.
-CONDUITS CONTAINING LESS THAN 7 CONDUCTORS SHALL BE 1" AND CONDUITS WITH 7 OR MORE CONDUCTORS SHALL BE 1 1/2"
7. REFER TO DRAWING E16-221, FOR POLE SCHEDULE FOR MOUNTING OF LUMINAIRE AND CCTV CAMERAS. ALL P-1 AND P-1A LUMINAIRE POLES SHALL BE TYPE "A" (DETAIL 1) UNLESS NOTED OTHERWISE.
UPSIZE CKTS 1, 6 & 7 FROM #8HWW XHHW-Z WITH #10 AWG XHHW-2 GND TO #6 AWG, XHHW-2 WITH #8 AWG, XHHW-2 GND



SITE LIGHTING PLAN - CENTER
SEE NOTES 6 & 7

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: *[Signature]*
DATE: NOV -5 2010 Project Engineering



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	CHK.	APPD.	REVISIONS
0	12/15/06				ISSUED FOR CONSTRUCTION
Original Drawing Stamped and Sealed by BHUPINDAR S. DHILLON					

BSD DESIGNED	2/3/06	DATE
BID DRAWN	2/3/06	DATE
CHECKED		DATE
APPROVED		DATE

TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

DHILLON ENGINEERS, INC.
PORTLAND, OR

DAVID EVANS AND ASSOCIATES INC.

TRI-MET
CAPITAL PROJECTS AND FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SUBMITTED: 12/15/06

DATE: 12/15/06

APPROVED:

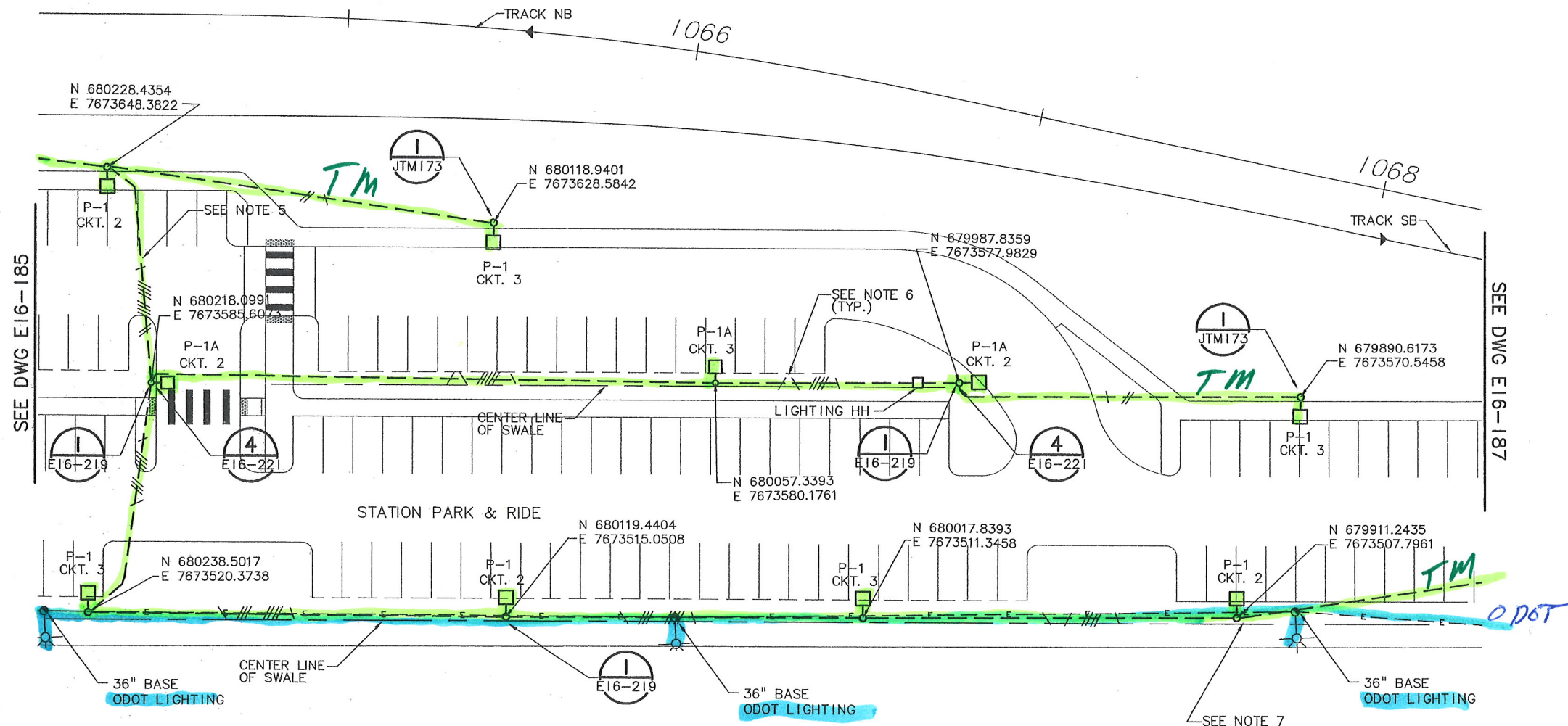
SOUTH CORRIDOR PROJECT
I-205 SEGMENT
S.E. MAIN STREET PARK AND RIDE
SITE LIGHTING PLAN-CENTER

SCALE: 1" = 20'-0"	DRAWING NO.: E16-185-BX	CONTRACT NO.: RH040161LE	SHEET NO.: 128
--------------------	-------------------------	--------------------------	----------------

NOTES:

REFER TO E16-185 FOR NOTES

UPSIZE CKTS 1, 6 & 7 FROM #8HWG XHHW-Z WITH #10 AWG XHHW-2 GND TO #6 AWG, XHHW-2 WITH #8 AWG, XHHW-2 GND

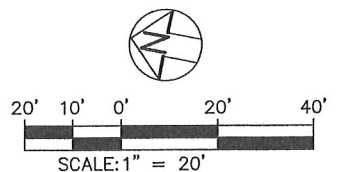


SITE LIGHTING PLAN - SOUTH END
SEE NOTE 6

I-205
LIGHT RAIL
EXHIBIT 0

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: _____ Project Engineering
DATE: NOV - 5 2010



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	APPD.	REVISIONS
		CHK.		

Original Drawing Stamped and Sealed by BHUPINDAR S. DHILLON

RSD DESIGNED	2/3/06
DATE	
BLD DRAWN	2/3/06
DATE	
CHECKED	DATE
APPROVED	DATE



TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON

SOUTH CORRIDOR CONSTRUCTORS
Stacy and Wilbeck
GRANITE
WILDISH

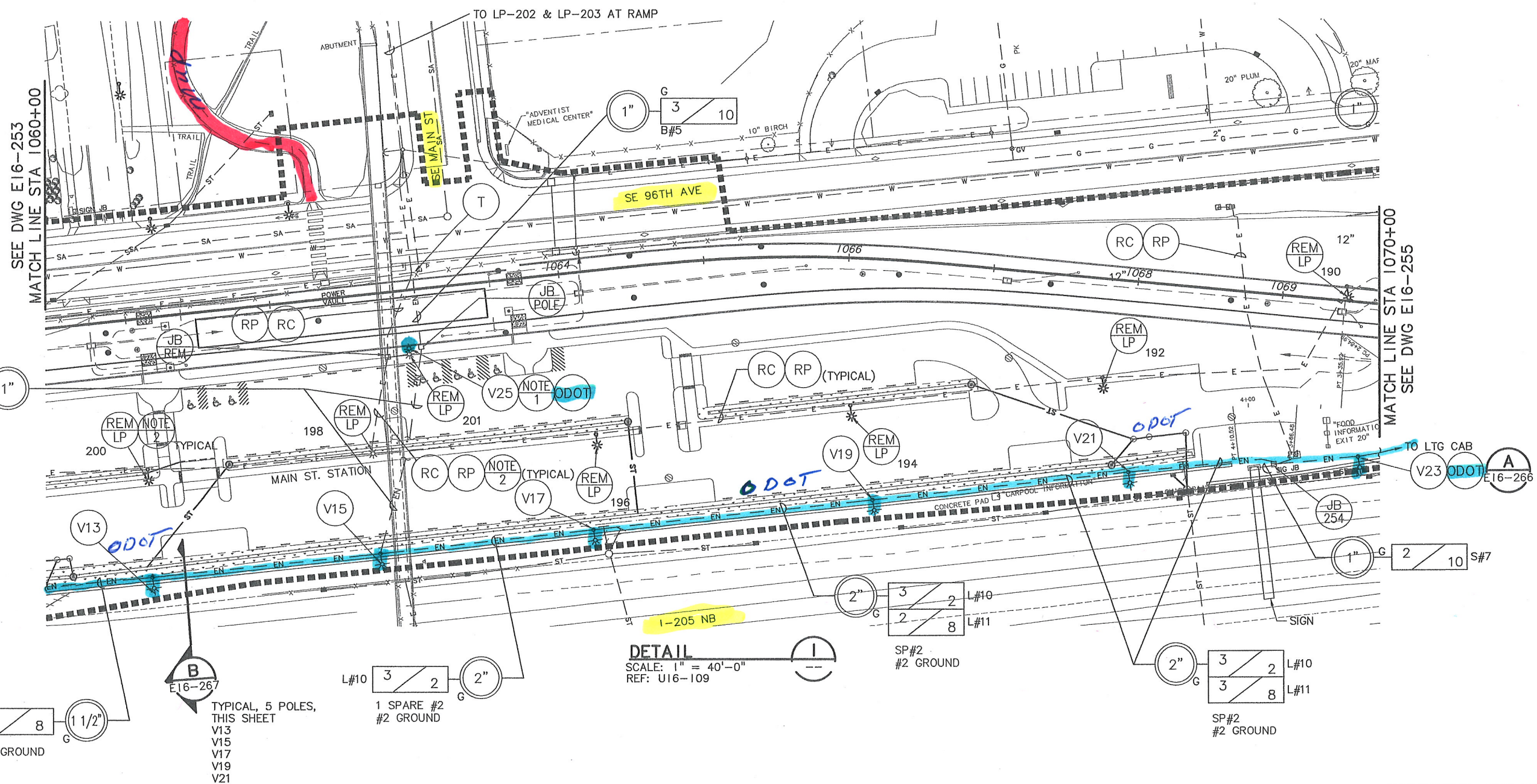
DHILLON ENGINEERS, INC.
PORTLAND, OR
DAVID EVANS
AND ASSOCIATES INC.

TRI-MET

CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

SOUTH CORRIDOR PROJECT
I-205 SEGMENT
S.E. MAIN STREET PARK AND RIDE
SITE LIGHTING PLAN-SOUTH END

SUBMITTED:	DATE: 12/15/06	APPROVED:	DATE: 12/15/06	SCALE: 1" = 20'-0"	DRAWING NO.: E16-186-AX	CONTRACT NO.: RH040161LE	SHEET NO.: 129
------------	----------------	-----------	----------------	--------------------	-------------------------	--------------------------	----------------



DETAIL
SCALE: 1" = 40'-0"
REF: U16-109

NOTES

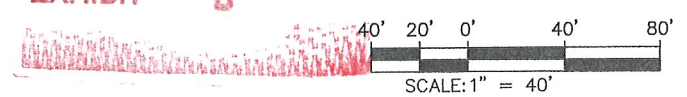
1. LOCATE LP-V25 IN LANDSCAPE AREA AT SAME DISTANCE FROM OVERPASS AND 2' EAST OF (EX) LP-201. PURPOSE OF LP-V25 IS TO LIGHT THE OVERPASS.
2. AT POLES TO BE REMOVED, REMOVE ASSOCIATED WIRING. REMOVE OR ABANDON ASSOCIATED CONDUITS.
3. J-BOX AT EVERY POLE

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: 
DATE: NOV -5 2010

**I-205
LIGHT RAIL**

EXHIBIT D



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.

RECORD DRAWING

NO.	DATE	BY	APPD.	REVISIONS
		CHK.		

MVD DESIGNED	10-19-06
RTG DRAWN	5-31-06
CHECKED	DATE
APPROVED	DATE

**TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON**

**SOUTH CORRIDOR CONSTRUCTORS**
Stacy and Wilbeck
GRANITE
WILDISH

**EPSILON ENGINEERING, INC.**
BEAVERTON, OR
503-526-1000

**TRI-MET**
CAPITAL PROJECTS
AND
FACILITIES DIVISION
710 N.E. HOLLADAY STREET
PORTLAND, OREGON 97232

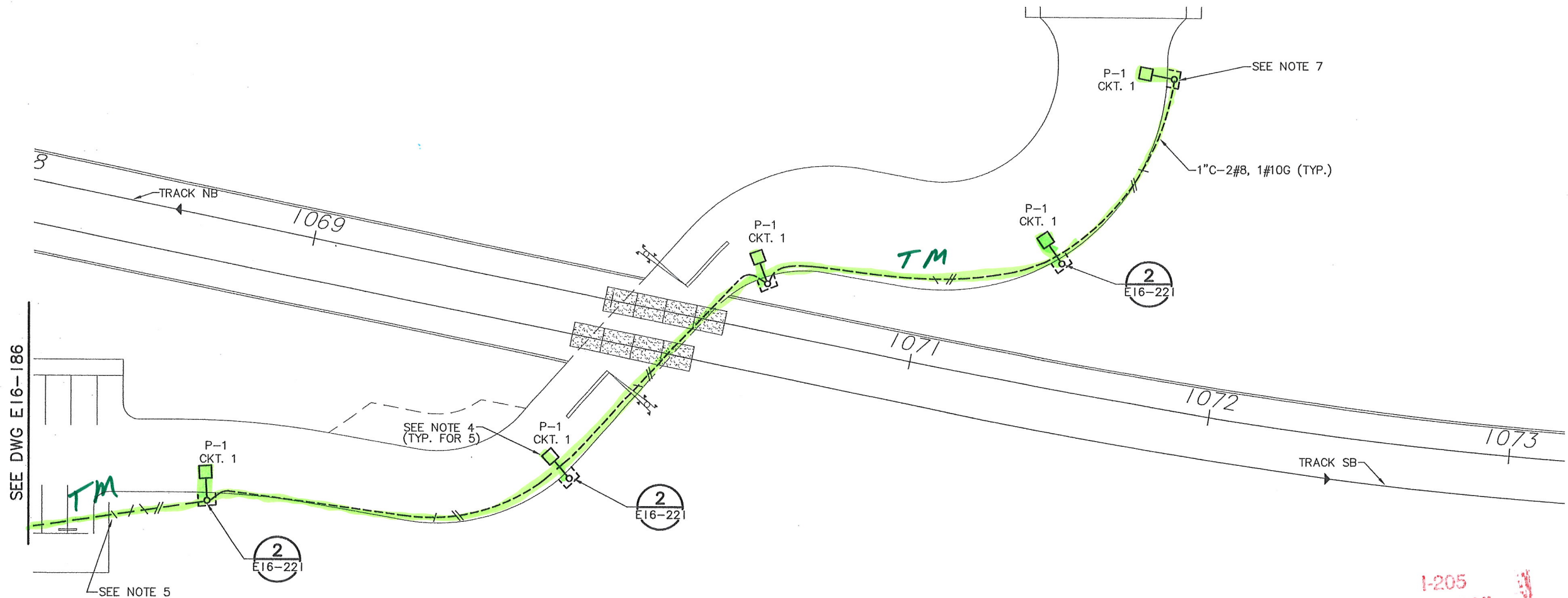
SUBMITTED: DATE: 12/15/06 APPROVED: DATE: 12/15/06

SOUTH CORRIDOR PROJECT I-205 SEGMENT ODOT LIGHT POLE RELOCATION STA 1060+00 TO STA 1070+00			
SCALE: 1" = 40'-0"	DRAWING NO.: E16-254	CONTRACT NO.: RH040161LE	SHEET NO.: 177

NOTES:

REFER TO E16-185 FOR NOTES.

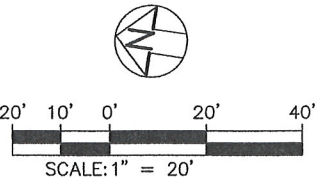
UPSIZE CKTS 1, 6 & 7 FROM #8HWG XHHW-Z WITH #10 AWG
XHHW-2 GND TO #6 AWG, XHHW-2 WITH #8 AWG, XHHW-2 GND



ENTRY ROAD LIGHTING PLAN
SEE NOTE 6

RECORD DRAWINGS

PREPARED BY: TRI-MET
APPROVED: *[Signature]* Project Engineering
DATE: NOV - 5 2010



NOTE: THESE RECORD DRAWINGS REPRESENT THE BEST KNOWN INFORMATION ABOUT CONSTRUCTED FACILITIES. LOCATIONS SHOWN ARE NOT WARRANTED. UNDERGROUND UTILITIES MUST BE FIELD VERIFIED FOR ACTUAL LOCATION.				
RECORD DRAWING				
NO.	DATE	BY	APPD.	REVISIONS
Original Drawing Stamped and Sealed by BHUPINDAR S. DHILLON				

BSD DESIGNED	6/01/06 DATE
RJ DRAWN	6/02/06 DATE
CHECKED	DATE
APPROVED	DATE

 TRI-COUNTY METROPOLITAN TRANSPORTATION DISTRICT OF OREGON			
SOUTH CORRIDOR CONSTRUCTORS <i>Stacy and Witbeck</i> GRANITE  WILDISH		 DHILLON ENGINEERS, INC. PORTLAND, OR DAVID EVANS AND ASSOCIATES INC.	
SUBMITTED:		APPROVED:	
DATE: 12/15/06		DATE: 12/15/06	
TRI-COUNTY METROPOLITAN  AND FACILITIES DIVISION 710 N.E. HOLLADAY STREET PORTLAND, OREGON 97232			

SOUTH CORRIDOR PROJECT I-205 SEGMENT S.E. MAIN STREET STATION ENTRY ROAD LIGHTING PLAN			
SCALE: 1" = 20'-0"	DRAWING NO.: E16-187-AX	CONTRACT NO.: RH040161LE	SHEET NO.: 130